CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Hydro-electric development, Clarksville, Va., Roanoke River Power Co., c/o Viele, Blackwell & Buck, New York, survey engrs., $10,000,000.

Natural gas line, Texas, Moody-Seagraves Co. & Associates Houston, $7,000,000.

Waterworks, California, California Water Service Co. (subsidiary of Federal Water Service Corp., New York), $6,500,000.

Hotel, Wash., D. C., Owner, c/o M. B. Lepley, archt., $6,000,000.

Hydro-electric development, Virginia and North Carolina Virginia Carolina Power Co., (subsidiary Virginia Electric & Power Co., Richmond, Va.), $4,000,000.

Bids Desired

Seminary, New York, N. Y., S. F. Ross archt., takes bids about Oct. 1, for owners, $1,200,000.

Factories, Tonawanda, N. Y., Curtiss Aeroplanes & Motor Co., bids about Oct. 1, $1,000,000.

Apartment, Chicago, Ill., B. L. Steif & Co., archts. taking bids for Syndicate, $1,000,000.

Bids Received

Subway, New York, N. Y., Bd. Transportation, J. H. Delaney, chn., Sept. 14, Sect. 3, Route 106 from Clemente Contg. Co., $4,812,000.

Barracks, Governors Island, N. Y., Constructing Quartermaster, Sept. 14, from J. McWilliams, New York, $1,186,520.

Contracts Awarded

Railways, Texas, Waco, Beaumont, Trinity & Sabine Ry. Co., Trinity, general contract to Foundation Co., New York, est. $9,738,642.

Subway, New York, N. Y., Bd. Transportation, J. H. Delaney, chn., Sect. 2, Route 106, to La Rocca Constr. Co., New York, $5,922,330.

Excavation, etc., Pharr, Tex., Hidalgo Co. Water Impvt. Dist. 2, owner builds, $3,000,000.

Subway, Brooklyn, N. Y., Bd. Transportation, J. H. Delaney, chn., New York, Sect. 5-B, Route 109, to Cornell Constr. Co., New York, $2,942,884.

Hotel, Phila., Pa., Blackstone Hotel Co., to F. V. Warren Co., est. $2,000,000.

Public Bond Elections, coming and decided, are listed on Construction News page 156.

Electrical power plant, New York, N. Y., New York Edison Co., to Ken Weil Constr. Co., total est. $1,850,000.

Gas pipe line, etc., Arkansas, Arkansas Natural Gas Co., Shreveport, La., to Boothe & Flinn, Pittsburgh, Pa., $1,750,000.

Roads, Seattle, Wash., Bd. P. Wks., to George Nelson & Co., $1,516,974.

Bank and office, New Orleans, La., M. H. Goldstein, archt., general contract to G. J. Glover Co. Inc., $1,402,975.

Cracking plant, etc., Port Aransas, Tex., Humble Oil & Refinery Co., Aransas Pass, by own forces, $1,400,000.

Apartment, New York, N. Y., Two Hundred Twenty Five West 71st Street Corp., separate contracts, $1,300,000.

Hotel, New York, N. Y., West 49th Street Constr. Corp., separate contracts, $1,250,000.

Hospital, Waltham, Mass., Commonwealth of Massachusetts, Dpt. Mental Diseases, Boston to Matthew Cummings Co., Boston and others totaling $1,000,604.

Court house, New City, N. Y., Bd. Supervs. Rockland Co., to C. T. Wills, New York, est. $1,000,000.

Apartment, Ardmore, Pa., Syndicate to A. H. Winters, Phila., est. $1,000,000.

Apartment, New York, N. Y., Three Hundred Two East 79th St. Corp., separate contracts, $1,000,000.

Hotel, Ft. Worth, Tex., C. O. O'Keefe superstructure to Bellows-Maclay Constr. Co., Dallas, est. $1,000,000.

Warehouse, Akron, O., B. F. Goodrich Co., to Carmichael Constr. Co., $1,000,000.

Construction News of the Week

Waterworks

Proposed Work

N. J., Jersey City—Bd. City Comrs., City Hall, preliminary plans mains in North Arlington, Charlotte and Baldwin Aves. $25,500. C. A. Van Keuren, city engr.

N. J., Mountainside (mail Westfield)—Boro Council, Boro Hall, 6 in. water and gas mains in Springfield Rd. and Central Ave. $24,000. C. W. Collins, 130 West Broad St., Westfield, boro engr.

N. J., Saddle River—Twp. Comn., Lincoln School, preliminary plans mains in South St., Bella Vista, Rosedale, Claremont and Central Aves.; gas mains in Market and Mayhill Sts. $15,000. A. Noack, 236 Main St., Hackensack, boro engr.

Ia., Cedar Rapids—Continuing Cedar River as water supply, erecting new filtration plant, pumping station, 3 mi. 24 in. mains. Probably call election in fall, $550,000 bonds. Alvord, Burdick & Howson, 8 South Dearborn St., Chicago, Ill., consult. engrs. This corrects report in Sept. 6 issue.

Tex., Archer City—Improving waterworks, incl. 8,975 lin.ft. 6 in. c.i. pipe, relaying 2,175 ft. old pipe, 3,050 ft. 8 in. c.i. force main, 21 fire hydrants, gate valves, wet connections, 150,000 gal. filter chlorinator, 100,000 gal. elevated storage tank, 500 g.p.m. pump and motor, new pumping plant. $409,000. Montgomery & Ward, Harvey-Snider Bldg., Wichita Falls, engrs. Noted Aug. 9.

Tex., Detroit—Waterworks. $30,000. Address Mayor.

Tex., San Antonio—B. G. Irish, 401 Navarro St., distributing system, incl. 4 in. mains, some laterals in sub-division on South Side, $20,000 (mostly materials) in 152 acre sub-division on North Side, $20,000 (mostly pipe). Private plans. Noted Mar. 8 under "Unclassified."

Okla., Altus—Preliminary plans settling basin at filter plant. $20,000. J. C. Chisum, Altus, engr.

Okla., Butler—Waterworks extensions. $15,000. Milliken & Whiteneck, Southwest Natl. Bank Bldg., Oklahoma City, engrs. Noted June 21.

Okla., Hennessey—Preliminary plans extending 11,100 ft. 4 and 6 in. mains. $17,500. Engineer not selected.

Okla., Loveland—Preliminary plans new dam for waterworks. $15,000. D. E. Powell, Frederick, engr.

Okla., Nardin—Waterworks, $20,000. Benham Eng. Co., 1106 Perrine Bldg., Oklahoma City, engrs.

Okla., Okmulgee—Preliminary plans extending 20,500 ft. 8 and 12 in. mains. $40,000. W. C. Halleck, city engr.

Okla., Stroud—Preliminary plans water softening plant, $20,000, Benham Eng. Co., 1106 Perrine Bldg., Oklahoma City, engrs.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.) according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Okla., Terral—Surveys waterworks. Milliken & Whiteck, Southwest Natl. Bank Bldg., Oklahoma City, engrs.

Okla., Thackerville—Preliminary plans new waterworks. $16,000. Engineer not selected.

Okla., Wyandotte—Preliminary plans waterworks. $20,000. J. C. Milliken, Continental Bldg., Oklahoma City, engr.

California—California Water Service Co., (subsidiary Federal Water Service Corp., 27 William St., New York), 22,000 acre ft. reservoir, 31 mi. pipe line to supply industrial water to plants in Solano and Contra Costa Counties. $6,500,000. Application filed with the Div. Water Rights for diversion of water from Sacramento River.

Calif., Los Angeles—Los Angeles Co. 3- to 12-in. c.i. mains in A. and I. 125, Electric St. To exceed $40,000.

Bids Desired

Mass., Cambridge (br. Boston)—City, Water Bd., J. J. Scully, chn., Water Bd., taking bids on revised plans 1 story, brick pumping station, plain found., Lake View Ave. and Worthington St. $100,000. Former bids rejected. E. T. P. Graham, 171 Newbury St., Boston, archts.

N. Y., New York—Sept. 25, by J. J. Dietz, comr. Water Supply Gas & Electricity, Municipal Bldg., mains in 8th Ave.

N. J., Fairlawn—Sept. 25, by Mayor and City Council, old Fair Lawn School, wells, pumping and electrical equipment. Former bids rejected. McClave & McClave, Cliffside, boro engrs.; adv. E. N.-R. Sept. 20. Noted July 19.

Pa., Phila.—Sept. 27, by Dpt. P. Wks., Bureau of Water, plumbing at Torresdale Pumping Station, Contr. 940; heating system at Queen Lane Pumping Station, Contr. 941; grating floor for Lardner Point Pumping Station, Contr. 942.

Tex., Eden—Sept. 26, by City, c/o Secretary, complete waterworks, incl. tank and tower. J. S. Barlow, 28 Wilson Bldg., Dallas, engr. Noted Sept. 20.

Tex., Mt. Vernon—Sept. 26, by W. J. Moore, mayor, improving waterworks, incl. pump house, machinery, and 50,000 gal. concrete reservoir. Ward & Montgomery, Wichita Falls, engrs. Noted June 7.

Okla., Mangum—Oct. 2, by W. C. Roberts, city clk., new water softening plant, incl. 300 g.p.m. motor driven centrifugal pumps. $40,000. E. W. Gantt, Continental Bldg., Oklahoma City, engr. Noted July 12.

Contracts Awarded

New York—Bd. Water Supply, Gas & Electricity, Municipal Bldg., New York, test borings in towns of Wawarsing and Gardiner, Ulster Co. and Fishkill, Dutchess Co., to Sprague & Henwood, Inc., Scranton, Pa., $14,363. Noted Sept. 6.

See proposal advertising on page 120

Constr. News page 149

TRADE **"LEADITE"** MARK

Registered U. S. Pat. Office

Laid 10 miles of water main—and satisfactory in every particular!

—said a waterworks engineer of national reputation, referring to this installation

Here is the story:—

THE Second Taxing District, South Norwalk, Connecticut, U.S.A., has just completed the installation of approximately ten miles of cast iron bell and spigot water mains, varying in size from 6" to 18". The work included the placing of about fifty cutting-in-tees on existing piping and their connection to new work.

Leadite was selected for jointing material after receiving competitive bids for laying with lead.

The total amount of the successful bids for all work, excepting the furnishing of the cast iron pipe, specials and valves, was as follows:

Lead Joints	$155,631
LEADITE Joints	142,535
Difference	$ 13,096
Saving in favor of **LEADITE**	8.4%

The work was performed by contractors experienced in the use of this material and was satisfactory in every particular.

Specifications required that after laying, the pipe should be tested for leakage under water pressures varying from 40 pounds to 115 pounds per square inch, and that the leakage should not exceed two gallons per 24 hours per linear foot of joint. The results of the tests were well within this limit.

This work was under the direction and supervision of Mr. Nicholas S. Hill, Jr., Consulting Engineer, 112 East 19th Street, New York, N.Y., U. S. A.

Leadite is used extensively by thousands of water works engineers, superintendents and contractors with excellent results.

Specify and use **LEADITE** It saves at least 75%

Be sure it is **LEADITE** and accept no imitations

The pioneer self-caulking material for c. i. pipe. Tested and used for over 30 years.

THE LEADITE COMPANY . . Land Title Building . . PHILADELPHIA, PA., U. S. A.

NO CAULKING

Waterworks (Continued)

N. J., Fair Lawn—Mayor and Bd. Council, Fair Lawn School, elevated steel tank, to Pittsburgh Des Moines Steel Co., 50 Church St., New York, $28,590; water distributing system, to Orange Eng. Co., 77 South Center St., Orange, $225,223; pumping station, to Binallo Bros., 270 Lawrence Ave., Hasbrouck Heights, $50,300. Grand total $304,113. Noted July 19.

N. J., Newark—Bd. City Comrs., City Hall, 6- to 16-in. mains, to T. Tenore, 2 Revere Ave., Hilton, $48,646.

N. C., Greensboro—Mayor and City Bd., 18 m.g. concrete clear water reservoir, to R. G. Lassiter & Co., Greensboro, $171,610; concrete bridge, to Seaboard & Southern Constr. Co., Jacksonville, Fla., $35,053. Noted Sept. 6.

Fla., Boca Raton—Mayor and Bd. Town Comrs., Town Hall, pumping station, to C. R. Donathan, 1037 Northeast 91st St., Miami, $48,000. Noted July 26.

O., Cleveland—Comrs. Cuyahoga Co., 5,200 ft. 6 and 8 in. c.i. mains in Impvt. 766, to E. P. Langenhan Co., Marshall Bldg., $11,452; 5,500 ft. 6 and 12 in. Impvt. 361, to W. P. Burkhardt, 3905 West 20th St., $19,456.

Kan., Centralia—W. R. Wolff, city clk., tank on tower to Pittsburgh-Des Moines Steel Co., Tuttle and Southwest 10th St., Des Moines, Ia., $6,000; 33,156 ft. 4- to 8-in. c.i. pipe lines, to R. Knox, Centralia, $25,000. Est. $43,000.

Tex., Boerne—For 25,000 ft. c.i. pipe, to G. Brombaugh Jr. & Co., 214 Crockett St., $16,529; pipe, to McWane Cast Iron Pipe Co., 3700 11th Ave. N., Birmingham, Ala., $17,403; hydrants and valves, to J. Garrity, representing Columbian Iron Wks., 2501 Chestnut St., Chattanooga, Tenn., $2,128; steel tank, to J. Garrity, representing Chattanooga Boiler & Tank Co., 1101 East Main St., Chattanooga, Tenn., $5,798. Grand total $41,858. Noted July 19.

Tex., McCamey—City, c/o F. E. Gibbons, mayor, extending waterworks, incl. 8 in. Class 159 Delavaud c.i. pipe with leadite joints, reservoir, pump house, pumpers, 50 h.p. Fairbanks Morse motor and pump, to Henry & Holland, Inc., McCamey, $71,934.

Okla., Henryetta—New 3 m.g.p.d. purification plant, to G. M. Brown, McAlester, $78,750. Est. $90,000.

Okla., Locust Grove—New waterworks, incl. 15,000 ft. 2- to 6-in. c.i. pipe, triplex pumps, to A. T. Hogle, Muskogee, $23,117. Est. $25,000. Noted Aug. 9.

Wash., Elma—For 500,000 gal. steel tank, to Chicago Bridge & Iron Wks., L. C. Smith Bldg., Seattle, $11,480; pumping plant complete, to Western Eng. Corp., 301 West Spokane St., Seattle $9,743. Est. $25,000. Noted July 26.

Wash., Tacoma—City Council, 6,917 ft. 32 in. steel mains in East 11th St., to Birchfield Boiler Co., Tacoma, $35,647. Noted Sept. 6.

Ont., Scarboro—Municipal Council, filtration plant addition, to R. H. MacGregor, 261 Donlands Ave., Toronto, $40,000. Noted July 12.

Sewers

Proposed Work

N. Y., Syracuse—Intercepting Sewer Bd. 10 mi. Ley Creek Intercepting Sewer. Est. exceeds $1,000,000. G. D. Holmes, ch. engr.

N. J., Union—Twp. Com. preliminary plans sewerage system in Vaux-Hall Sect. $25,000.

La., Eunice — Preliminary plans 12 mi. sanitary sewers. $80,000.

O., Warren—Bd. Control bids in Spring, sewerage system. $300,000.

Ill., Alton—Sewerage system in Upper Shields Valley Sanitary Dist. $39,461. J. E. Schwaab, City Hall, engr. Noted Nov. 3, 1927.

Ia., Cedar Rapids—Sewage disposal plant. $40,000. H. R. Green Co., Bever Bldg., engrs.

Neb., Paxton—Preliminary plans sanitary sewerage system. $50,000. Engineer not selected. F. E. Pease, city clk.

Mont., Polson — Sewage disposal plant, incl. septic tank. $40,000. F. Faucett, Polson, engr.

Mo., Wellston—See "Unclassified."

Ark., Arkadelphia — Preliminary plans sanitary sewers for all outlying sections city.

Tex., San Antonio—B. G. Irish, 401 Navarro St., sewerage system in 152 acre sub-division, North Side $40,000; and in sub-division on South Side, $40,000. Private plans. Noted Mar. 8 under "Unclassified."

Okla., Chandler—Extending 12,000 ft. sanitary sewers in Dist. 8, $30,000. Benham Eng. Co., 1106 Perrine Bldg., Oklahoma City, engrs.

Okla., Choteau—Preliminary plans sanitary sewerage system. $30,000. Engineer not selected.

Okla., Clinton—Extending 16,100 ft. sanitary sewers in Dist. 19. $35,000. Benham Eng. Co., 1106 Perrine Bldg., Oklahoma City, engrs.

Okla., Enid—City University Pumping Station. $34,000. F. C. Magruder, Enid, engr.

Okla., Hydro—Sanitary sewerage system, disposal plant, $28,000. Coon & McKinnon, Guthrie, engrs.

Okla., Tishomingo — Preliminary plans sanitary sewerage system. $40,000. E. W. Gantt Co., 1116 West Main St., Oklahoma City, engrs.

Ore., Salem—Sewerage system. $500,000. Cupper, Sansom & Cooper, Salem, engrs.

Bids Desired

Mass., Westfield—Sept. 21, by Dpt. Pub. Health, Boston, new sewers, sewerage connections, manholes, sewerage system in State Sanatorium. $25,000.

N. Y., Brooklyn — Sept. 26, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, sewers in Avenue S, East 56th and West 9th Sts.

N. Y., Long Island City—Sept. 27, by B. M. Patten, pres. Queens Boro, Queens Subway Bldg., sewers in bulkhead line Jamaica Bay to Rockaway Beach Blvd.; Rockaway Beach Blvd, Newport and Cronston Aves., Beach 136th St.

N. Y., Mamaroneck—Sept. 25, by Town Bd., at office F. M. Sherman, town clk., 6 Elm St., storm water drainage system. A. J. Foote, Hillside Arcade, Larchmont, civil engr.; adv. E. N.-R. Sept. 20.

N. Y., St. George — Sept. 26, by J. A. Lynch, pres. Richmond Boro, Boro Hall, sewers in Fox Beach and Hunter Aves.

N. J., Lyndhurst (br. Rutherford)—Sept. 24, by Bd. Town Comrs., Town Hall, rein.-con. sewer from Chase to Kingsland Aves., $55,000; New York and Delafield Aves., $40,000. T. F. Bowe, Association Bldg., East Rutherford, engr. Noted Sept. 13.

N. J., Union—Sept. 24, by Twp. Com., Town Hall, 46,080 lin.ft. 8- to 24-in. concrete and 2,190 lin.ft. 24 in. c.i. sewers in Stuyvesant Ave. $100,000. H. Kreh, Falls Bldg., twp. engr.

Md., Baltimore—Sept. 26, by Bd. Awards, sewer inlet and similar iron castings, Contr. 72; vitr. terra cotta sewer pipe, material Contr. 73. M. J. Ruark, sewerage engr.

Ill., Chicago—Sept. 25, by City, at office Bd. Local Impvts., City Hall, sewer drains in 22 streets and avenues. M. J. Faherty, pres.

Minn., White Bear—Oct. 1, by R. Bloom, city clk., 6,275 ft. 8- to 15-in. sewers in Div. A; reconstructing 7,348 ft. 8- to 18-in. sewers in Div. B. $25,000. Pillsbury Eng. Co., 2344 Nicollet Bldg., Minneapolis, engrs.

S. D., Highmore — Oct. 1, by T. H. J. Studt, city aud., 17,000 ft. 8- to 12-in. sewers. $30,000. W. E. Buell & Co., 205 Davidson Bldg., Sioux City, Ia., engrs.

Tex., Mt. Vernon — Sept. 26, by W. J. Moore, mayor, 36,000 ft. sewerage system, sewage treatment plant. Montgomery & Ward, Wichita Falls, engrs. Noted June 7.

Okla., Enid — Sept. 26, by F. E. Buckminster, city clk., 3,800 ft. 24 and 36 in. concrete sewer in Park St. $29,160. F. C. Magruder, Enid, engr.

Okla., Tulsa—Sept. 25, by F. P. Ketchen, city aud. 1,770 ft. 120 in. rein.-con. storm sewers in Katy, Railroad and Rosedale Sts. $111,000. B. M. Hart, City Hall, engr.

Okla., Weatherford — Sept. 28, by R. Dickerson, city clk., 13,500 ft. 8- to 18-in. vitr. clay outfall sewers, disposal plant. $45,000. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Sept. 13.

Calif., Los Angeles — Sept. 26, by T. Oughton, city purch. agt., appurtenances for sewerage drum screens, 20 hp. induction motors, and starting compensators, bucket elevators for drum screens, sewage drum screens, bronze split sleeve bearings, spur gears and pinions for Hyperion Sewage Pumping Plant.

Calif., San Rafael — E. W. Smith, city clk., taking bids pumping plant, outfall sewer.

Contracts Awarded

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro **(e.e. means engineers estimate)**, sewer in Church Ave., to P. Tomassetti Contg. Co., 1133 60th St., 73.35% e.e. $45,917; Lenox Rd., to Del Mel Constr. Co., 7624 15th Ave. $73.50% e.e. $4,182; East 52nd St., to B. Peconi & Son, 570 18th Ave., 79% e.e. $3,451; Duryea Pl., to R. F. Iovino, 678 Glenmore Ave., 87% $325. Noted Aug. 2.

N. Y., Long Island City—B. M. Patten, pres. Queens Boro, Queens Subway Bldg., sewer in Ely Ave., to J. Gallo Co., 35-10 Bway., Brooklyn, $88,925; 21st Ave., to Lione Constr. Co., $1,833; 50th St., to A. Mannano, 263 86th St., $2,280; 62nd St. and Bayside Ave., to J. D. Walsh Co., 132 4th St., Brooklyn, $21,348 and $714 respectively; 70th St., to J. H. Johnson Co., 37 Brittin Ave., Elmhurst, $23,535; 102nd Ave., to D. A. Gross, 9515 Fulton St., Woodhaven, $1,436, 50th St., to A. W. Matarazzo, 1163 6th St., Brooklyn, $34,393. Grand total $174,464. Noted Sept. 6.

N. Y., New York—H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., sewer in Pelham Parkway, S., to G. Kingston, 1614 Williamsbridge Rd., $18,639; Brunner Ave., to Anita Constr. Co., 440 East 204th St., $8,472. Noted Aug. 9.

N. J., Newark—For Bway. and Oriental St. Relief Sewer, to P. D'Amato, 676 Bway., $44,800. Noted

Pa., Phila.—Dpt. P. Wks., Bureau of Engineering & Surveys, to O'Neill Co., 127 East Mermaid Lane, branch sewer in Bennington St. $20,090, Cedarbrook Ave. $9,568, Chelten Ave. $33,323, Herman St. $4,197, Luzerne St. $12,404, Pickering Ave. $10,270, Vernon Rd. $13,065, main sewer in Butler St. $41,319; to A. Perna & Son, 752 South 10th St., branch sewer in Fayette St. $7,674; to S. Vallone & Co., 2008 McKean St., 57th St. $1,376; to A. Corrado, 5920 Magnolia Ave., Kingsley St. $22,410; to J. T. McDonnell & Co., 2313 South Front St., Magee Ave. $12,594; to A. Frunzi, 513 High St., Monastery Ave. $25,408; to McCoal Constr. Co., 5033 Duffield Ave., Richmond St. $4,000; to E. Venitres Co., 6016 Ross St., 17th St. $651; to Vattiere & Pontarelli, 523 Rising Sun Ave., 65th Ave. and 9th St. $10,969; to A. Vittorio & Co., 423 High St., Thorps Ave. $15,421, to A. DiSandro & Son, 6400 North 5th St., Walker St. $17,844; to P. and A. J. Ellis, 4th and Wyoming Sts., main sewer in Salmon, Schiller and Gaul Sts. $40,912. Grand total $303,495. Noted Aug. 23.

Pa., Phila.—Dpt. P. Wks., Bureau of Engineering & Surveys, Upper Delaware Collecting and Pennypack Creek Intercepting Sewer, to Yetman & Garofola, Lincoln Bldg., $260,390.

Pa., Pittsburgh—City Controller, City-County Bldg., section 23rd Street Sewer, to M. Manella, 224 South Atlantic Ave., $236,073.

Mich., Allen Park—For 7,475 ft. 12- to 48-in. concrete sewers in Allen Rd., Mercedes and Park Dist., to Lincoln Constr. Co., 4101 McDougal Ave., Detroit, $25,000.

Ill., Columbia — Sewerage system, to Thompson Constr. Co., 207 West 4th St., Davenport, Ia., $49,964. Est. $70,000. This corrects report in Sept. 6 issue.

Wis., Loyal—Village, c/o W. Meyer, clk., sanitary sewerage system, to P. Lametti, 201 Globe Bldg., St. Paul, Minn.; disposal plant, to J. E. Hammett, 5 12th Ave. N.E., North St. Paul, Minn. Noted Aug. 23.

Wis., Milwaukee—Metropolitan Sewerage Comn., R. Cramer, ch. engr., 508 Market St., special concrete main sewer in Janesville Plank Rd., to H. Hohensee, 1282 10th Ave., $137,888. Est. $185,000.

Wis., Milwaukee—Dpt. P. Wks., R. E. Stoelting, comr., to Clayton Constr. Co., Port Washington Rd. and Gruber Ave., sewer in Adler St. $7,086; to Werner Co., 121 8th Ave., Wauwatosa, 59th St. $952, Auer Ave. $443; to Milwaukee Sewer & Drainage Co., 982 Humboldt Ave., Moltke Ave. $5,764; to Wenzel & Henoch, 498 27th St., Taylor Ave. $2,896; to Dervos & Holquist, 457 Mineral St., Forest Home Ave. 839 State St. $490, rerouting sewer under 16th Street Viaduct $2,785. Grand total $21,255.

Ia., Ottumwa—See "Streets and Roads."

Okla., Enid—For 8,200 ft. 36 in. concrete sewers in Chestnut St., to Hyde Constr. Co., Amer. Bank Bldg., $20,964. Est. $27,000.

Okla., Marlow—For 11,000 ft. 8 and 10 in. vitr. clay sewers in Apache, Kiowa and Chickasaw Sts., to C. Robeck Co., 408 Securities Bldg., Omaha, Neb., $23,110. Est. $25,000. Noted Aug. 9.

Okla., Shawnee—For 16,000 ft. 8- to 12-in. vitr. clay sewers in Sewer Dist. 114, to H. L. Cannady & Co., 1122 South Lewis St., Tulsa, $32,698. Est. $33,000.

Calif., Los Angeles—Los Angeles Co., sewers in Bellflower Unit 1, Impvt. 794, and in Hynes-Clearwater, to Brkich Ramljak & Grizel, 308 Douglas Bldg., $63,818 and $147,427 respectively. Noted Aug. 16.

Ont., Hamilton—Council extending 18,000 lin.ft. 4 ft. sewer pipe, to Dominion Lock Joint Pipe Co., 400 Gage Ave. N., $82,900. Noted Sept. 6.

Ont., Toronto—For 24 in. and up concrete and vitr. tile sewers in 3 streets, to Worthington Constr. Co., Roselawn Ave., $30,865. Est. $30,000.

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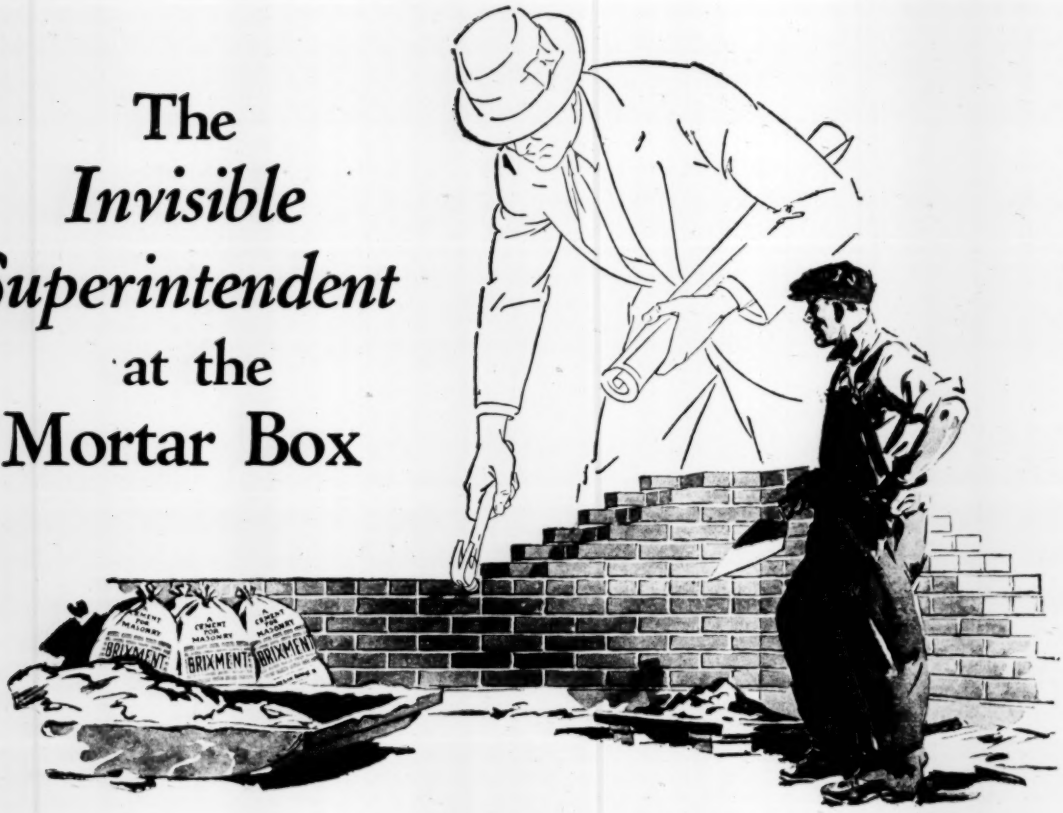
The *Invisible Superintendent* at the Mortar Box



Gives You the Strength You Specify

TO SPECIFY the strength of a mortar is one thing; to get it is another. When portland cement and lime are used, the proper strength can be assured only by constant supervision at the mortar box.

When BRIXMENT is used the strength of the mortar is certain. If oversanded, BRIXMENT mortar works short and, since there is no lime in the mix, the necessary plasticity can be secured only by using the proper amount of BRIXMENT.

Mortar made with one part BRIXMENT and three parts sand has greater strength than that required by the building code of any city for the heaviest load-bearing walls. Its final strength is greater than that of the brick itself. *Handbook on request.* Louisville Cement Co., *Incorporated,* Louisville, Kentucky.

District Sales Offices: 1610 Builders Building, *Chicago;* 301 Rose Building, *Cleveland;* 602 Murphy Building, *Detroit;* 1015 Chestnut St., *Philadelphia.*

BRIXMENT

for Mortar and Stucco

Waste Disposal

Proposed Work

N. Y., Brooklyn—Brooklyn Ash Removal Co., C. R. Van Elten, pres., 26 Court St., soon takes bids waste disposal plants at Bridgewater and Van Dam Sts., and on Newtown Creek. $400,000 each. T. E. Murrary, 55 Duane St., New York, archt. Noted Jan. 19.

N. J., Teaneck (br. Hackensack)—Twp. Comm., Municipal Bldg., incinerator. $125,000. P. Fraleigh, Teaneck Rd. and Cedar Lane, twp. engr. J. Lieban, 238 Main St., Hackensack, archt. Noted Sept. 13.

Ore., Salem—Incinerator. $50,000. Cupper, Sansom & Cooper, Salem, engrs.

Contracts Awarded

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, 90 ton incinerating plant, Clifton, to Nye Odorless Crematory Co., 294 Madison Ave., New York, $179,100. Noted Aug. 30.

Tex., Pharr—City, brick, steel incinerator, to J. E. Pate, Hidalgo, $37,000.

Calif., Beverly Hills — B. J. Firminger, city clk., incinerator, to Nye Odorless Crematory Co., Subway Terminal Bldg., Los Angeles, $27,000. Noted Aug. 30.

Bridges

Proposed Work

Tennessee—State Dpt. Hys. & P. Wks., Nashville, preliminary surveys concrete, steel bridge over Tennessee River, on Paris-Dover Rd., Henry and Stewart Counties near "Big Sandy." H. F. Berry, hy. comr.

Tenn., Kingston—State Dpt. Hys. & P. Wks., Nashville, preliminary surveys concrete, steel bridge over Tennessee River, Roane Co., near here. $200,000. H. F. Berry, hy. comr.

Wisconsin — See "Minnesota and Wisconsin."

Iowa and Wisconsin — H. H. Polk Co., 201 Equitable Bldg., Des Moines, Ia., two 475 ft. span rein.-con., steel toll bridge over Mississippi River, between Marquette, Ia. and Prairie du Chien, Wis. $1,000,000.

Minnesota and Wisconsin — Minnesota State Hy. Comm., St. Paul, Minn., and Wisconsin State Hy. Comm., C. H. Kirch, bridge engr., Madison, Wis., five 140 ft. truss span bridge over St. Croix River connecting Stillwater, Washington Co., Minn., and Houlton, Wis. $362,000.

Missouri — State Hy. Comm., Jefferson City, bridges in Barton, Barry, Bates, Boone, Buchanan, Butler, Clay, Dallas, Hickory, Holt, Lafayette, Lawrence, Marion, Pettis, Platte, Ripley, and Saline Counties. T. H. Cutler, ch. engr.

Tex., Liberty—State Hy. Comm., R. S. Sterling, chn., Austin, putting new stringers, reflooring bridge across East Fork San Jacinto River, on Hy. 35, Liberty Co. $28,200. G. G. Wickline, Austin, bridge engr.

Oklahoma — State Hy. Dpt., Oklahoma City, preliminary plans 4 span 80 ft. rein.-con. bridge over Duck Creek, near Jet, Alfalfa Co. $35,000—4 span 78 ft. rein.-con. bridge over Deep Creek near Hitchcock, Blaine Co. $35,000—4 span 70 ft. rein.-con. bridge over Campbell Creek near Cyril, Caddo Co. $30,000—4 span 76 ft. rein.-con. bridge over Cane Creek near Elgin, Comanche Co. $30,000 — 4 span rein.-con. bridge near Lawton, Comanche Co. $25,000—3 span 66 ft. rein.-con. bridge over Beaver Creek near Temple, Cotton Co.—4 span 86 ft. rein.-con. bridge over Cedar Creek, near Fargo, Ellis Co. $40,000—2 span 200 ft. steel truss bridge on piers over Washita River near Beebe, Garvin Co. $40,000. C. R. Mandigo, hy. engr.

Okla., Cookson — State Hy. Dpt., Oklahoma City, preliminary plans 1 span 130 ft. steel truss bridge on piers over Illinois River, Cherokee Co. $45,000. C. R. Mandigo, hy. engr.

Okla., Hollis — Harmon Co. preliminary plans 5 span 116 ft. rein.-con. bridge over Salt Fork, near here. $30,000. C. Coon, Guthrie, engr.

Ore., Salem—Bridges. $350,000. Cupper, Sansom & Cooper, Salem, engrs.

Bids Desired

Vermont — Sept. 21, by State Hy. Bd., Montpelier, S. B. Bates, comr., bridges in Woodstock, Manchester and Coventry.

New Jersey—Oct. 8, by State Hy. Comm., Trenton, bridge to carry State Hy. Route 1 (Revision 1927) Sect. 2, across tracks Pennsylvania Tunnel and Terminal R.R. Co., North Bergen, Hudson Co. A. L. Grover, ch. clk.; adv. E.N.-R. Sept. 20.

Pa., Phila. — Sept. 21, by C. E. Walsh, purch. agt. Pennsylvania R.R. Co., 15 North 32nd St., bridges, Contr. 71-1928.

Md., Hyattsville — Sept. 25, by State Roads Comm., Baltimore, sixteen 40 ft. span rein.-con. viaduct over Baltimore & Ohio R.R., Contr. P-58, Prince Georges Co. J. N. Mackall, chn.

Illinois—Oct. 3, by State Dpt. P. Wks. & Buildings, Div. Hys., Springfield **(r.c.s.b. means rein.-con. slab bridge, r.c.g.b. rein.-con. girder bridge)**, two 120 ft. span rein.-con. substructure and 28 ft. r.c.s.b., Route 49, Sect. 137-B, and two 140 ft. span steel superstructure, Route 49, Sect. 137-C, Iroquois Co.—30 ft. r.c.s.b. Route 49, Sect. 145-B, Cook Co.—120 ft. r.c.s.b. Route 59, Sect. 106-B-1, Lake Co.—five 55 ft. span r.c.g.b. Route 74, Sect. 102-B, Stephenson Co.—40 ft. r.c.g.b., 16 ft. r.c.s.b., 120 ft. rein.-con. substructure, 120 ft. steel superstructure, Route 92, Sect. 135-B and C, Bureau Co.—90 ft. rein.-con. substructure, three 45 ft. girder approach spans, 90 ft. steel superstructure, Route 104, Sect. 126-B and C, Morgan Co.—44 ft. r.c.g.b., 24 ft. r.c.s.b., 2 rein.-con. box culverts, 1 rein.-con. substructure with 4 rein.-con. girder approach spans, and 125 ft. steel superstructure, Route 104, Sect. 143-B and C, Christian Co.—five 50 ft. span r.c.g.b., Route 119, Sect. 114-B, Vermilion Co.—four 50 ft., two 40 ft. r.c.g.b., one 20 ft. r.c.s.b., Route 150, Sect. 112-B, St. Clair Co.—four 29 ft. span overhead railroad bridge, Route 160, Sect. 133-V-B, Madison Co. F. T. Sheets, hy. engr.

Ill., Dundee — Sept. 24, by Village, foot bridge over Fox River. Suhr, Berryman, Peterson & Suhr, Inc., 130 North Wells St., Chicago, engrs.

N. D., Grand Forks—Sept. 25, by North Dakota Hy. Comm., Bismarck, and Minnesota Hy. Comm., St. Paul, 279 ft. steel truss bridge over Red River of North, Demere Ave. $300,000. C. Johnson, Bismarck, state hy. engr. for North Dakota.

Okla., Asher — Sept. 25, by C. E. Pettigrew, clk. Pottawatomie Co., Tecumseh, 4 span 76 ft. rein.-con. bridge, 19.6 tons I-beam and 5.93 tons reinforcing steel. $25,000. J. H. Merkle, Tecumseh, engr.

Okla., Grove—Oct. 1, by O. L. Chandler, clk. Delaware Co., 6 span 140 ft. rein.-con. bridge, 38.4 tons I-beam and 11.8 tons reinforcing steel. $27,500. T. P. Clouts, Muskogee, engr.

Okla., Spiro — Sept. 28, by P. Wathis, chn, Leflore Co., 1 span 380 ft. concrete low water overflow bridge. $25,000. J. E. Davis, Poteau, co. engr.

California—Oct. 3, by State Hy. Comm., Sacramento, fourteen 19 ft. span r.w. pile bents over Arroyo de la Cruz near San Simeon, also nine 19 ft. span timber bents, concrete pedestals over San Carpojo Creek, San Luis Obispo Co. C. H. Purcell. P. Wks. Bldg., Sacramento, engr.

Contracts Awarded

Massachusetts—See "Streets and Roads."

Mass., Boston—Dpt. P. Wks., rebuilding concrete, steel bridge over New York, New Haven & Hartford R.R., on River St., to Phandor Co., 18 Tremont St., $114,297. Noted Aug. 9.

Mass., Quincy (sta. Boston)—New York, New Haven & Hartford R.R. South Sta., Boston, bridge over railroad, on West Squantum St., to Coleman Bros., Inc., 245 State St., Boston.

New York—A. W. Brandt, comr. Highways, Albany **(e.e. means engineers estimate)**, bridges Schulyer Co., to A. C. Toaspern & Co., Middletown, $38,427 e.e. $44,590—bridge in Wyoming Co., to Oatka Eng. & Constr. Co., Inc., Warsaw, $29,428 e.e. $41,592—in Essex Co., to J. J. Fredella Co., Glens Falls, $55,722 e.e. $68,870—in Delaware Co., to F. Lewis & Sons, Bainbridge, $107,846—Warren Co., to Bricon Constr. Co., Inc., Indian Lake, $12,399 e.e. $16,661. Grand total $243,822. Noted Sept. 13.

N. Y., Buffalo—Erie Co., concrete bridge over 18 mi. Creek, on Southwestern Blvd., to Peckham Constr. Co., Crosby Bldg., $173,500.

Pennsylvania—State Hy. Comm., Harrisburg, 659 ft. rein.-con., steel viaduct, and 1,950 ft. approaches, on Route 211, Application 3907, McKean and Allegheny Counties, to M. J. McMahon, Pittsburgh, $182,402. Noted Aug. 23 under "Streets and Roads."

Md., Cumberland — Concrete deck type bridge over Western Maryland R.R. connecting Cumberland St. with Market Bridge, to Vang Constr. Co., Cumberland, $38,905.

N. C., Greensboro—See "Waterworks."

Tenn., Memphis—State Hy. Comm., Nashville, widening, replacing wooden flooring with Carey "Light Tite" flooring on Harahan Viaduct, to Atlantic Bridge Co., Greensboro, N. C., $196,000. Est. $200,000.

Indiana—J. D. Williams, dir. State Hy. Comm., Indianapolis, bridge, Washington Co., to J. C. Ellis, Rockport, $34,303—2 bridges, Newton Co., to Winks & Dannecker, Williamsport, $7,601—2 bridges, Pike and Knox Counties, to Vincennes Bridge Co., Vincennes, $274,920—bridge, Fayette Co., to W. H. Grammer & Son, Evansville, $19,270. Grand total $336,094. Noted July 19.

Iowa—State Hy. Comm., Ames, 32 x 24 ft. and 40 x 24 ft. bridges, 80 x 20 ft. pony truss bridge with two 32 x 20 ft. I-beam approaches, 50 x 20 ft. skew pony truss bridge adding two 40 x 20 ft. I-beam approaches to existing bridge, Pottawatamie Co., to Wickham Bridge & Pipe Co., Council Bluffs $39,135—90 x 24 ft. skew plate girder bridge, Winneshiek Co., to A. Olson, Waterloo $16,970—1 box culvert Buena Vista Co., to W. E. Shoppe, Jefferson, $1,995—14 culverts, Cass Co., to S. C. Anderson, Des Moines $8,675—13 culverts Delaware Co., to Burt & Russell, Waukon $6,475—2 culverts Johnson Co., to W. C. Mott & Sons, Iowa City $628—8 culverts Lee Co., to A. Melberg, Cedar Rapids $2,580—35 culverts, extensions Pottawatamie Co., to Metropolitan Constr. Co., Omaha, Neb. $17,876—11 culverts Pottawatamie Co., to Wilson Concrete Co., Red Oak $9,830—36 culverts Winneshiek Co., to J. Reeds, Waukon $14,394. Grand total $118,559.

Wyoming—See "Streets and Roads."

Mo., Independence — Centennial Bridge Co., Independence, foundation for 2,000 ft. rein.-con. steel bridge at Liberty Landing, on Missouri River, to Union Constr. & Bridge Co., 1205 Midland Bldg., Kansas City. Noted Aug. 2.

Tex., San Antonio—City, c/o C. M. Chambers, mayor, 90 ft. rein.-con., steel bridge, Grayson St., to J. G. Jeffrey, 2123 Buena Vista St., $25,000. Noted Aug. 9.

California—State Hy. Comm., Sacramento, reconstructing, repairing bridge over San Juaquin River, Merced Co., to Stephenson Constr. Co., Hearst Bldg., San Francisco, $19,007—2 rein.-con. bridges over Dry Creek and Southern Pacific R.R., Roseville, to M. A. Jenkins, 3560 Y St., Sacramento, $47,455—2 rein.-con. girder bridges one over Dry Creek other over Antelope Creek, on Victory Hy., Placer Co., to G. J. Ulrich Co., Modesto, $28,639. Grand total $95,101. Noted Sept. 13.

Calif., Reedley — D. M. Barnwell, clk. Fresno Co., rein.-con., bridge over Kings River near here, to Bodenhamer Constr. Co., 4886 Mansfield Ave., San Diego, $91,850—concrete bulkheads on bridge over Kings River southwest of here, to J. P. Williams, 980½ Farris St., Fresno, $10,964. Noted Aug. 16.

Ont., Ottawa—Dpt. Railways & Canals, lift bridge at Welland Canal, to Dominion Bridge Co., Montreal, Que., $654,320.

Dams

Proposed Work

Wash., Tacoma—See "Unclassified."

Bids Desired

Calif., Los Angeles—Nov. 14, by Supervs. Los Angeles Co., San Gabriel Flood Control Dam, 425 ft. high, 2,200 ft. on crest, 412 ft. at base, incl. 1,200,000 cu.yd. excav., 2,800,000 cu.yd. concrete, 2,400 tons metal work, Proposal A, contractor supply aggregate, Proposal B, District supply half the aggregate, Proposal C, District supply all aggregate. E. C. Eaton, Los Angeles, engr.

Contracts Awarded

Que., Sorel — Dominion Govt., Ottawa, Ont., 3 submerged dams near here, to Robinson & Jonni Ltd., Montreal, $899,000. Est. $1,000,000.

Railways

Proposed Work

South Dakota — Mound City & Eastern R.R. Co., W. W. Robey, pres., Eureka, 70 mi. railroad between Mound City and Leola, to Jahnig & Davis Constr. Co., Britton, at $12,000 per mile.

Arkansas—Graysonia, Nashville & Ashdown R.R. Co., C. M. Conway, pres. and genl. mgr., Texarkana, 5 mi. standard gauge branch line near Saratoga, to Horton-Price Constr., Co., Texarkana.

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Railways (Continued)

Texas — Waco, Beaumont, Trinity & Sabine Ry. Co., P. G. Burns, ch. engr., Trinity, general contract 383.71 mi. railroad extension, to Foundation Co., 120 Liberty St., New York. Est. $9,738,642.

Oklahoma — Chicago, Rock Island & Pacific Ry. Co., C. A. Morris, ch. engr., Chicago, Ill., 7,000 lin.ft. track in yard at Ponca City. Owner builds. $35,000.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Minn., Winona—A. Bauerlen, aud. Winona Co., bids in fall, drainage and flood control, German Creek. $20,000. S. P. Norling, 235 Gateway Bank Bldg., Minneapolis, engr.

Bids Desired

Mass., Hadley—Sept. 25, by Dpt. P. Wks., Boston, 1,600 ft. earth dike along south bank Connecticut River between Middle and West Sts., for Commonwealth of Massachusetts. W. F. Williams, comr.

Mass., Hatfield — Sept. 25, by Dpt. P. Wks., Boston, 1,150 ft. earth Dike, furnishing and placing 8,500 tons stone rip rap on west bank of Connecticut River, for Commonwealth of Massachusetts.

La., Alexandria—Oct. 3, by Red River, Atchafalaya & Bayou Boeuf Levee Dist., 505 Commercial Bank Bldg., enlarging strengthening levee from Alexandria to Boyce and flood gates in Bayou Rapides. $22,500. State Bd. Engineers, 213 New Orleans Court Bldg., New Orleans, engrs.

Minn., Minneapolis—Sept. 25, by A. P. Erickson, aud. Hennepin Co., Judicial Ditch 6,750 cu.yd. open ditch, 1 outlet bulkhead. $15,000. S. A. Norling, 235 Gateway Bank Bldg., engr. Noted Aug. 16.

Calif., Hanford—Oct. 9, by D. Hadsell, secy. Tulare Lake Basin Water Storage Dist., 109 West 8th St., levee on each side channel, 124,000 cu.yd. earth excav.

Calif., Turlock—Sept. 28, by A. Sorensen, secy. Turlock Irrigation Dist. 557,307 sq.ft. 2 in. canal lining, Schedules 1 to 4 (inclusive).

Calif., Westley — Sept. 29, by E. Smith, secy. West Stanislaus Irrigation Dist., 550,000 sq.ft. 3 in. reinforcing canal lining under Contr. 12- Main Canal.

Ont., Port Dover — Oct. 4, by S. E. O'Brien, secy. Dpt. P. Wks., Ottawa, improving harbor. $50,000. K. M. Cameron, Dpt. P. Wks., Ottawa, engr.

Contracts Awarded

Fla., West Palm Beach—Lake Worth Inlet Comn., deepening bar to 20 ft., eliminating several small shoulders in channel at Port of Palm Beach, to Waldeck-Deal Dredging Co., 832 Northwest 12th St., Miami, $25,000.

Mississippi — Comrs. Pigeon Roost Creek D. D. Marshall, Tate and Desoto Counties, J. C. Tucker, secy., clearing 320 acre right-of-way and 771,200 cu.yd. excav., to D. W. Robins, Tupelo, at $15 per acre and $0.08 per cu.yd. respectively. This corrects report in Sept. 13 issue.

O., Cincinnati—C. O. Sherrill, city mgr., levee, necessary appurtenances at airport, to United Constr. Co., 408 Lyric Theatre Bldg., $124,300. Est. $140,000. Noted Sept. 13.

Mich., Sault Ste. Marie—Removing 1,343,000 yd. bottom and channel banks on lower Lake Nicollet, and 834,000 yd. on Munuscong Channel, to Duluth-Superior Dredging Co., 45th Ave. W., Duluth, Minn., $181,305 and $204,453 respectively.

Ia., Fairfield—Jefferson Co., A. C. Turner, aud., excavating 500,000 cu.yd. Cedar Creek D. D. 6, to Boyne Constr. Co., 201 Nonpariel Court, Council Bluffs, at $0.072 per cu.yd.

Tex., Pharr—Hidalgo Co. Water Impvt. Dist. 2, A. Van Dresar, San Juan, mgr., irrigating in districts of Pharr, San Juan and Alamo, incl. concrete canals, installing pumping units. $3,000,000. Owner builds and purchases equipment. Noted Sept. 6.

Calif., Los Angeles—Los Angeles Co. Flood Control Dist., 202 M. Bway, rein.-con. storm drain in Verdugo Wash, to S. W. Gleim, 240 Byrne Bldg., $26,740.

Calif., San Pedro — Los Angeles City Harbor Comn., 500,000 cu.yd. shoal dredging in Slips 1 and 5, Inner Harbor, to Standard Dredging Co., Central Bldg., Los Angeles, $110,965. Noted Aug. 16.

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Ont., Ottawa—Dpt. Railways & Canals, guard works on Welland Canal, to Canadian Iron Foundries, Mark Fisher Bldg., Montreal, Que., $55,841.

Streets and Roads

Proposed Work

Mass., Dorchester (sta. Boston)—Dpt. P. Wks., Boston, constructing Hosmer St., Willow Court and Brook Rd. as highway. $25,000. J. H. Sullivan, comr.

Mass., Dorchester (sta. Boston) — Dpt. P. Wks., State House, Boston, constructing Ashton and Walker Sts., Codman Hill and Milton Aves. as highways. $25,000 or more. J. H. Sullivan, comr.

Mass., Fall River—Reconstructing North Main St. $30,000 appropriated. F. B. Manning, supt. Streets.

N. J., Caldwell—Bd. Boro Council, Boro Hall, grading, concrete sidewalks, Linwood Terrace, Central Ave., Gladding and Elm Rds. $28,000. J. L. Proost, 376 Bloomfield Ave., boro engr.

N. J., Caldwell—Bd. City Council, Municipal Bldg., preliminary plans grading, sewers, paving Bowers Rd., Park and Arlington Aves. $35,000. J. S. Provost, 376 Bloomfield Ave., boro engr.

N. J., Ellisburg—Delaware Twp. Com., sidewalks in Merchantville Park and Ellisburg. $34,000.

N. J., Jersey City—Bd. City Comrs., City Hall, preliminary plans sheet asphalt on concrete paving Stegman Pl. from Stegman Parkway to its southerly terminus. $27,000. C. A. Van Keuren, city engr.

N. J., Jersey City—Sheet asphalt on concrete repaving Summitt Ave. from Fleet St. to Paterson Ave. $25,000. C. A. Van Keuren, city engr.

N. J., Mountainside (mail Westfield) — Boro Council, Boro Hall, preliminary plans curbing, bituminous macadam paving Poplar St., Beach and Locust Aves. $75,000. C. Collins, 130 West Broad St., Westfield, boro engr.

N. J., Newark — Bd. City Comrs., City Hall, grading, sheet asphalt on concrete paving Fortuna St. from Sanford Ave. to Richelieu Terrace and Johnson Ave. $25,000. J. W. Costello, city engr.

N. J., North Plainfield (mail Plainfield)—Boro Council, Boro Hall, preliminary plans grading, curbing, guttering, asphaltic concrete or rein.-con. paving Catalpa, Tappan and Willow Aves. $25,000. C. H. Fishbrook, Boro Hall, engr.

N. J., Teaneck (br. Hackensack)—Twp. Com., Municipal Bldg., preliminary plans grading, mains, sidewalks Fycke Lane, Spruce St., Harding and Englewood Aves. $25,000. P. Fraleigh, Teaneck Rd. and Cedar Lane, engr.

N. J., Trenton—City Comn., sheet asphalt paving ½ mi. road across sewage disposal tract, foot Lamberton St. $26,000. J. E. English, city engr.

N. J., Westfield—Bd. Freeholders Union Co., Court House, Elizabeth, concrete paving Center St. from Boynton to Center Aves. $25,000. J. L. Bauer, Court House, Elizabeth, co. engr.

N. J., Woodbridge (br. Rutherford)—Bd. Boro Council, Boro Hall, preliminary plans grading, 6 in. rein.-con. paving Windsor Rd., Cliff, Way and 6th Sts. $50,000. H. D. Allen, 810 Broad St., Newark, boro engr.

W. Va., Wheeling—Comrs. Ohio Co. soon take bids concrete paving 4,200 ft. County Club—Oglebay Park Rd. $34,980. A. Beel, Wheeling, Co. engr.

Fla., Tampa—Soon lets contract resurfacing 15 streets. $100,000. R. Cason, city engr.

La., Morgan City—Soon takes bids curbing, reef asphalt paving 50 blocks in district bounded by Front St., Railroad, Brashear and Federal Aves. J. H. Evans, City Hall, engr.

Tennessee—State Dpt. Hys. & P. Wks., Nashville, improving 12 mi. Nashville Corp. Line-Goodlettsville Rd., Davidson Co. H. F. Berry, hy. comr.

Tennessee—State Dpt. Hys. & P. Wks., Nashville, surveys improving 10 mi. Hampton-Fish Springs Rd., Carter Co. H. F. Berry, hy. comr.

Tenn., Springfield—Grading, sheet asphalt paving 16,200 sq.yd. Betts Blvd. and Cheatham St. $48,200. Long & Co., Bennie Dillon Bldg., Nashville, engrs.

Ohio—H. J. Kirk, dir. Service, Columbus, cancelled bids to have been opened Aug. 31, grading, paving 7.474 mi. roads in Cuyahoga and Hancock Counties—bridge in Erie Co. —received no bids Aug. 31, grading, paving 1.174 mi. Madison Co.

O., Bellefontaine—City Council curbing, asphalt resurfacing 1½ mi. Columbus Ave., 44 ft. $38,000.

O., Cincinnati—Curbing, sidewalks, vitr. brick, sheet asphalt repaving 14,400 sq.yd. and vitr. brick paving 2,000 sq.yd. Court, Plain and Walnut Sts., $90,100—grading, curbing, sidewalks concrete repaving 1,750 sq.yd. Bramble Ave., $78,173. C. O. Sherrill, city mgr.

O., Cincinnati — Hamilton Co., grading, concrete guttering, tar bound macadam paving 12,600 sq.yd. Elstun Rd. $78,624. E. A. Gast, Court House, engr.

O., Columbus—W. H. Duffy, dir. Service, soon takes bids grading, curbing, sewers, paving 45,880 sq.yd. Ashland, Chicago, Linwood, Webster Park, Westwood and Morning Aves., Gault, Broderick, Summit and Helen Sts., brick $316,278, asphalt $28,250—concrete paving 8,553 sq.yd. Cole St. $14,450—asphalt resurfacing 300 cu.yd. Maple St. $25,209.

Ind., Ft. Wayne—Comrs. Allen Co. bituminous on macadam paving 8.383 mi. Duglay Rd. $186,000. O. M. Darling, Ft. Wayne, engr.

Ind., Kokomo — Comrs. Howard Co. improving roads. $152,000. T. Hollingsworth, Kokomo, engr.

Ind., New Castle — Comrs. Henry Co. improving roads. $103,876. W. S. Freel, New Castle, engr.

Ind., Noblesville — Comrs. Hamilton Co. improving roads. $130,000. A. E. Baker, Noblesville, engr.

Ind., Valparaiso — Comrs. Porter Co. improving roads. $105,000. C. Bay, Valparaiso, engr.

Ill., East St. Louis — Preliminary plans concrete widening State St. from 10th to 38th Sts. $123,000. W. McK. Brown, City Hall, engr.

Ill., Mounds—Preliminary plans, grading, curbing, concrete paving, 10 blocks. P. B. Wilson, 1st Natl. Bank Bldg., Marion, engr.

Ia., Cedar Rapids — Grading, curbing, guttering, asphaltic concrete on 7 in. one course rein.-con. and 5 in. concrete paving 12,700 sq.yd. $35,000. F. E. Young, city engr.

Ia., Cedar Rapids—Soon takes bids curbing, guttering, concrete paving 3,600 sq.yd. 2nd Ave.; grading, curbing, guttering, rein.-con. asphaltic concrete paving 12,800 sq.yd. Blake Blvd. F. E. Young, City Hall, engr.

Kan., Bellville—Republic Co. rejected bids Aug. 20, grading, bridging 5.457 mi. Federal Aid Project 313-A, 30 ft. Will readvertise. J. O. Gunnels, Court House, engr. Noted Aug. 9.

Kan., Tribune — Greeley Co., grading 10.226 mi. RD.K 96, Project 577, 30 ft. H. C. Snodgrass, Court House, engr.

Kan., Westmoreland—Pottawatomie Co., grading, bridging 7.794 mi. Federal Aid Projects 355-E and 203-B, L. F. Whearty, Court House, engr.

Missouri — State Hy. Comn., Jefferson City, grading, surfacing, paving roads in Atchison, Barton, Buchanan, Butler, Cedar, Clay, Henry, Hickory, Holt, Lafayette, Lawrence Linn, Livingston, Marion, Nodaway, Ozark, Pettis, Platte, Pulaski, Ripley and Saline Counties. T. H. Cutler, ch. engr.

Mo., California—Preliminary plans grading, curbing, rein.-con. paving. $40,000. Russell & Axon, 1945 Ry. Exch. Bldg., St. Louis, and 408 McDaniel Bldg., Springfield, engrs.

Mo., Cassville—Preliminary plans grading, curbing, concrete or rein.-con. paving. $40,000. Russell & Axon, Ry. Exch. Bldg., St. Louis, and 408 McDaniel Bldg., Springfield, engrs.

Mo., Clayton—St. Louis Co. soon takes bids concrete paving and 7 ft. asphalt shoulders of either side Clayton Rd. between St. Louis city limits and North and South Rds., 21 ft.—concrete paving Florissant Ave., between St. Louis city limits and Lucas and Hunt Rd.—macadam paving Lucas and Hunt Rd. to Chambers Rd.—grading Lucas and Hunt Rd. between Natural Bridge and Florissant Ave.—resurfacing Big Bend Blvd. through Maplewood and Richmond Heights. $600,000. R. Jablonsky, Court House, engr.

Mo., St. Joseph—Soon takes bids 6 in. concrete paving 5,500 sq.yd. Highly St. $16,000—2,498 sq.yd. Clayton Rd. $8,000—alley between Penn and Seneca Sts. $2,100—asphaltic concrete paving 4th St. between Jules and Faraon Sts. $2,000. R. Dunlap, City Hall, engr.

Mo., St. Louis—Bd. P. Serv., City Hall, grading between building lines on Plateau St. between Kraft and Prather Sts. $16,750—Tholozan St. between Morganford St. and Kingshighway $10,200 — alternate types paving Horton and Fairground Pls., Sells Ave., Horner, Idaho, Odell, Murdoch and Quincy Sts. W. W. Horner, City Hall, engr.

Mo., Wellston—See "Unclassified."

Ark., Ashdown—Preliminary plans grading, concrete paving principal business and residential streets.

Ark., Little Rock — Preliminary plans grading, curbing, concrete paving 20 blocks Chester, Ringo, West 29th, Fulton and West 35th Sts.

Streets and Roads (Continued)

Ark., Texarkana — Preliminary plans grading, curbing, concrete paving 20,000 sq.yd. Forest Park Impvt. Dist. 1. J. Eldridge, 211 West Broad St., consr.

Tex., Alamo — Hidalgo Co. soon takes bids gravel ing, grading, concrete paving 44 mi. Morningside, Alamo, Tower, Military and other cross roads. $750,000. P. Devine, Edinburg, co. engr. Noted June 28.

Tex., Alamo Heights—Widening, asphalt on hard base paving 1½ mi. Broadway Ave. $50,000. S. F. Crecelius, 201 Torcido Dr., San Antonio, engr. Expect State and Federal Aid.

Tex., Corpus Christi—M. M. Parker, A. J. Jones and F. E. Jones, 5131 Euclid St., Kansas City, Mo., improving 60 mi. hy. on Padre Island, near here. $150,000.

Tex., Houston—Permanent paving 13 blocks 77th St. from Baltimore St. to Navigation Blvd. J. C. McVea, city engr.

Tex., Harlingen — Paving. $25,000. A. Tamm, Harlingen, engr.

Tex., Mercedes—Hidalgo Co. paving 34 blocks. E. E. Johnson, Mercedes, city engr.

Tex., Plainview — Alternate paving 20 blocks. $50,000. F. M. Joyner, Plainview, engr.

Tex., San Antonio — B. G. Irish, 401 Navarro St., plans asphalt on rock paving 2 sub-divisions on North Side, one in old Elliott Jones Refinery grounds, other on Maury property. $75,000; 60 blocks Collins Garden Sect. $40,000, owner builds. Noted May 8 under "Unclassified."

Tex., Sherman—Grayson Co. grading, bridging, concrete paving 62.321 mi. hys. $365,475. J. G. Rollins, Sherman, co. engr.

Tex., Sonora—Asphalt on hard base paving 4 blocks streets in business district. $30,000. H. L. George, Sonora, engr.

Oklahoma—State Hy. Dept., Oklahoma City, rejected bids Aug. 14, concrete surfacing Pottawatomie Co. $125,000—5.021 Mi. Logan Co. $125,000—5 mi. F.A.P. 199-G and 5.088 mi. same road Sect. H, Payne Co. $125,000 and $130,000 respectively—asphalt surfacing Pottawatomie Co. $125,000—grading 3.489 mi. Noble Co. $97,000—9 mi. Duncan Co. $40,000. Noted July 26.

Oklahoma — State Hy. Dept., Oklahoma City, surveys grading 7 mi. Hy. 14, Johnston Co. $35,000—8 mi. Hy. 18, Pottawatomie Co. $45,000—10 mi. Hy. 31, Love Co. $45,000—18 mi. Hy. 14, Kiowa Co. $60,000—15 mi. Hy. 5, Carter Co. $75,000—plans grading 3 mi. U. S. Hy. 64, Alfalfa Co. $25,000—10 mi. Hy. 7, Jackson Co. $45,000—concrete slab surfacing 21,120 sq.yd. U. S. Hy. 75, Nowota Co. $48,000—63,180 sq.yd. U. S. Hy. 64, Alfalfa Co. $135,000—42,750 sq.yd. State Hy. 5, Carter Co. $90,000—42,470 sq.yd. Hy. 9, Kiowa Co. $91,000. C. R. Mandigo, hy. engr.

Oklahoma—State Hy. Dept., Oklahoma City, preliminary plans improving 40 mi. roads, Ellis Co. $200,000—grading 7 mi. Hy. 14, Dewey Co. $30,000—6 mi. Hy. 5, Jefferson Co. $30,000, all foregoing 30 ft. wide—concrete slab surfacing 32,000 sq.yd. U.S. Hy. 81, Kingfisher Co. $70,000 — grading, graveling 7,800 sq.yd. Hy. 9, Kiowa Co. $32,000. C. R. Mandigo, hy. engr.

Oklahoma — State Hy. Dpt., Oklahoma City, grading Hy. 7, Grady Co.—Hy. 9, McIntosh Co. — Hy. 18, Pottawatomie Co., concrete paving Hy. 27, Okmulgee Co. $185,000. C. R. Mandigo, engr.

Okla., Altus—Grading, concrete paving 8,100 sq.yd. Wheeler St. $32,810. J. C. Chisum, Altus, engr.

Okla., Anadarko — Grading, concrete paving 12,100 sq.yd. Apache St. $36,600. R. O. Bradley, Chickasha, engr.

Okla., Carter—Grading, concrete paving 14,700 sq.yd. Main St. $60,000. Benham Eng. Co., 1106 Perrine Bldg., Oklahoma City, engrs.

Okla., Carter—Concrete paving. To exceed $25,000. Benham Eng. Co., 1107 Perrine Bldg., Oklahoma City, engrs.

Okla., Cheyenne — Grading, concrete paving 11,000 sq.yd. Main St. $45,000. Benham Eng. Co., 1107 Perrine Bldg., Oklahoma City, engrs.

Okla., Cordell—Grading, concrete paving 11,000 sq.yd. Dist. 8. $32,000. F. Ford, Cordell, engr.

Okla., Duncan—Grading, concrete paving 8,100 sq.yd. North 11th St., $28,406; 7,100 sq.yd. Beach St., $28,109. H. Sullivan, Temple, engr.

Okla., El Reno—Concrete paving 13,125 sq.yd. Warren Ave. $36,310. E. W. Fassett, El Reno, engr.

Okla., Frederick—Tillman Co. concrete paving 10,600 ft. Road 4. $25,000. D. E. Powell, Frederick, engr.

Okla., Guymon—Grading, concrete paving 7,300 sq.yd. Dist. 2. $28,800. F. E. Devlin, Bitting Bldg., Wichita, Kan., engr.

Okla., Holdenville — Seminole Co. grading 26,000 cu.yd. County Road 16. $25,000. R. Grace, Holdenville, engr.

Okla., Lawton—Grading, concrete paving 6,690 sq.yd. 6th Ave. $26,862. G. Dale, Lawton, engr.

Okla., Longdale — Grading, concrete paving 8,600 sq.yd. Main St. $27,000. Benham Eng. Co., 1107 Perrine Bldg., Oklahoma City, engrs.

Okla., Mangum — Grading, concrete paving 9,300 sq.yd. Dist. 20. $29,775. E. W. Gantt, 1116 West Main St., Oklahoma City, engrs.

Okla., Maud—Grading, concrete paving 20,900 sq.yd. King Ave. $83,952. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., McAlester — Grading, concrete paving 10,650 sq.yd. East Washington St. $30,600. F. Frazer, McAlester, engr.

Okla., Okeene—Grading, concrete paving 7,800 sq.yd. F St. $25,200. E. A. Jones, Enid, engr.

Okla., Oklahoma City — Grading, concrete paving 6,200 sq.yd. South 25th St. $26,000—grading, sheet asphalt paving 5,800 sq.yd. Hardem Ave. $36,644—11,008 sq.yd. Creston Ave. $46,480. W. W. Small, City Hall, engr.

Okla., Oklahoma City — Widening, rock asphalt paving 5,600 sq.yd. 30th St. $25,000—sheet asphalt paving 5,500 sq.yd. Noble Ave., $25,000—6,500 sq.yd. 21st St., $25,000—paving 5 blocks 20th St., $25,000. W. W. Small, City Hall, engr.

Okla., Okmulgee—Okmulgee Co. preliminary plans grading 8 mi. Road 7. $35,000. W. C. King, Okmulgee, engr.

Okla., Shawnee—Grading, sheet asphalt paving 11,000 sq.yd. 32nd, Midland and Park Sts. $43,117. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engr.

Okla., Shawnee—Grading, sheet asphalt paving 7,600 sq.yd. Independence St. from Park to Kickapoo Sts. $31,875. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs.

Okla., Texhoma—Paving 8 blocks Dist. 2. $36,000. F. E. Devlin, Bitting Bldg., Wichita, Kan., engr.

Okla., Tulsa — Grading, concrete paving 10,700 sq.yd. Haskell and Gary Sts. $32,460. B. M. Hart, City Hall, engr.

Okla., Tulsa — Grading, sheet asphalt paving 7,760 sq.yd. Pine Ave. $32,416—6,300 sq.yd. 6th St. $28,450—7,000 sq.yd. 12th St. $29,275—grading, curbing, sheet asphalt paving 6,800 sq.yd. Detroit St. $31,200. B. M. Hart, City Hall, engr.

Okla., Valliant—Preliminary plans paving Main St. $40,000. Engineer not selected.

Okla., Wynoka — Grading, concrete paving 6,670 sq.yd. Mississippi St. $26,460. E. A. Jones, Enid, engr.

Okla., Wilson—Grading, concrete paving 7,600 sq.yd. 3rd St. $26,417. J. C. Milliken, Continental Bldg., Oklahoma City, engr.

Colo., Colorado Springs—Curbing, guttering 1½ in. on 2½ in. asphaltic concrete paving Dist. 5. $55,000. F. O. Ray, engr. S. E. Nichols, city clk.

California—State Hy. Comn., Sacramento, B. B. Meek, dir., allocated $5,918,000 from unappropriated road funds, for continuance present construction program. C. H. Purcell, State Hy. Sacramento, engr.

California—State Hy. Dpt., Sacramento, crushed gravel or stone surfacing 1.7 mi. road north and south of Pepperwood, Humboldt Co. C. H. Whitmore, Bank of Italy Bldg., Eureka, dist. engr.

Calif., Emeryville—Curbing, guttering, 4 in. willite paving 78,000 sq.ft. Powers St. $26,500. R. S. Hawley, city engr.

Calif., Martinez—Contra Costa Co., curbing, concrete paving 1,108 cu.yd. Main St., in Bay Point. R. R. Arnold, Martinez, co. surv.

Calif., Oakland — East Bay Municipal Utility Dist., Ray Bldg., grading, crushed rock or gravel surfacing 2.160 cu.yd. Jackson Creek Spillway Rd. Private plans.

Calif., Oceanside — Paving Plumosa Heights and Heatherbone Tract. To exceed $50,000. R. L. Loucks, city engr.

Calif., San Diego—Common Council curbing, sidewalks, 6 in. concrete paving 142,480 sq.ft. Polk Ave. H. W. Jorgensen, city engr.

Calif., San Diego—San Diego Co., grading, curbing, walks, 2 in. warrenite bitulithic on 4 in. asphaltic concrete paving 447,690 sq.ft. Euclid Ave. and other streets. $243,938. F. R. Carlson, supt.

Calif., San Diego—Supervs. San Diego Co. grading, concrete paving 399,250 sq.ft. Reo Dr. Valley Rd., 16th St. and Harrison Ave. A. & I. Dist. 26. $160,400. E. L. Freeland, supt. work.

Calif., San Francisco—Grading, paving 1¼ mi. Junipero Serra Blvd. $500,000 and 2,500 ft. Bayshore Blvd. $100,000, both 125 ft. wide—grading, sidewalks, paving 6,860 ft. 19th Ave., 44 ft., $370,000. M. M. O'Shaughnessy, city engr.

Ont., Windsor—Council asphalt on concrete paving, widening London St. W. $237,000. M. W. Brian, City Hall, engr.

Ont., Windsor—Council extending Ouellette Ave., constructing boulevard. $45,000. M. W. Brian, City Hall, engr.

Bids Desired

Massachusetts — Sept. 25, by Dpt. P. Wks., State House, Boston, graveling and oiling 9,200 ft. hy. in Princeton and Westminster; reinf.-con. paving 5,150 ft. Watertown. W. F. Williams, comr.

Mass., Boston — Sept. 27, by Park Dpt., sheet asphalt or bitulithic paving Commonwealth Ave., North Dr., bituminous macadam surfacing at Fairview Cemetery. $25,000.

Mass., Boston—Sept. 27, by Dpt. P. Wks., sheet asphalt or bitulithic paving Parkhawa Rd., Ward 20. $25,000. J. H. Sullivan, comr.

Mass., Medford (br. Boston)—Sept. 24, by Schoolhouse Building Comn., City Bldg., grading Osgood School grounds, 4th St. $25,000.

New York—Oct. 2, by A. W. Brandt, comr. Highways, Albany, improving road in Broome Co.; reconstructing roads in Broome, Cayuga, Dutchess, Erie counties; bridges in Dutchess, Franklin, Herkimer, Monroe and Warren Counties; adv. E.N.-R. Sept. 20.

New York—Oct. 9, by A. W. Brandt, comr. Highways, Albany, improving roads in Nassau Co., constructing bridge in Montgomery Co.; reconstructing roads in Nassau, Schenectady, Rensselaer and Ulster Counties, bridges in Chautauqua, Essex and Ulster Counties; adv. E.N.-R. Sept. 20.

N. Y., Brooklyn—Sept. 26, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, grading, sheet asphalt on concrete paving Hopkinson Ave. from East New York to Sutter Aves.

N. Y., Buffalo—Sept. 25, by Bd. Supervs. Erie Co., County Hall, rein.-con. paving 3.96 mi. Southwestern Blvd., Pt. 5, G-M-S 205, G. Diehl, Ellicott Sq., co. engr.

N. Y., Mamaroneck—Sept. 25, by Town Bd., at office F. M. Sherman, town clk., grading, paving Maple St., Glen and Valley Rds. A. J. Foote, Hillside Arcade, Larchmont, civil engr.; adv. E. N.-R. Sept. 20.

N. Y., New York—Sept. 25, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., grading, sidewalks on Metcalfe and Rosedale Aves., East 206th, East 171st, West 263rd Sts.; bituminous concrete paving White Plains Rd.; grading, sheet asphalt on concrete paving White Plains Rd., Knox Pl., Cruger Ave., West 238th, West 166th, Overing and East 197th Sts.

N. Y., St. George—Sept. 26, by J. A. Lynch, pres. Richmond Boro, Boro Hall, grading, bituminous concrete paving Lee Ave. from Arthur Kill to Amboy Rds.

N. Y., Valhalla—Oct. 3, by Westchester Co. Park Comn., 72 West Pondfield Rd., Bronxville, grading, paving Bronx Parkway Extension from Kensico Plaza to Columbus Ave. J. Downer, Bronxville, ch. engr.; adv. E.N.-R. Sept. 20.

N. J., Newark — Sept. 21, by Bd. City Comrs., City Hall, grading, sheet asphalt on concrete paving Johnson Ave. and Fortuna St. $25,000. J. W. Costello, city engr. Noted Sept. 13.

N. J., Newark — Sept. 21, by Bd. City Comrs., City Hall, grading, curbing, sidewalks, sheet asphalt on concrete paving Schofield St. from Stuyvesant to Sanford Aves. $25,000. J. W. Costello, city engr. Noted Sept. 6.

N. J., New Milford—Sept. 21, by Bd. City Council, Municipal Bldg., grading, curbing, 7 in. asphaltic bound macadam paving Lenox Ave. from Main to Fulton Sts. $25,000. A. Noack, 236 Main St., Hackensack, boro engr.

N. J., Weehawken — Sept. 25, by Bd. Blvd. Comrs., Court House, Jersey City, sheet asphalt on 8 in. concrete repaving Boulevard East. $25,000. F. J. Radigan, Court House, Jersey City, co. engr. Noted July 12.

Pa., Monessen—Sept. 26, by J. C. Lermann, city clk., concrete paving 2,500 sq.yd and brick paving 1,700 sq.yd.

Maryland — Sept. 25, by State Roads Comn., Baltimore, concrete paving 0.3 mi. P-81, Contr. Ce-70, Cecil Co.—1.06 mi. Contr. Wo-61, Worcester Co.—1.69 mi. Contr. P-81 and graveling 3 mi. Contr. P-85, Prince Georges Co.—macadam paving 0.35 mi. Contr. Ce-71, Cecil Co. J. N. Meskell, chn.

Md., Baltimore—**Sept. 26, by Bd. Awards,** concrete paving 9,100 sq.yd. Contr. 485; sheet asphalt paving 10,000 sq.yd. Contr. 486. N. L. Smith, highways engr.

W. Va., New Martinsville — Sept. 28, by Wetzel Co. Court, 3 in. bituminous slag macadam on 8 in. bank run slag base course paving 2 mi. Project 2-A-3; in Grant Dist. G. A. Harman, co. clk.

Fla., Defuniak Springs — Sept. 25, by Comrs. Walton Co., M. T. Fountain, clk., clearing, grubbing 12 mi. road from Argyle to Southern boundary line, Dist. 1—8 mi. road from State Road 1, Kidd Pl. to Holmes Co. line—bridge over Alaqua Creek on Defuniak Springs and New Home Rd.—reconstructing fill at Seven Runs Bridge.

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Streets and Roads (Continued)

Ala., Birmingham—Sept. 25, by City Comn., curbing, cement sidewalks, guttering, 2 in. asphalt on 6 in. concrete paving 8 blocks 3rd Ave. N., $45,200—2 in. asphalt on 6 in. concrete paving 3 blocks 6th Ave. S., $15,580—7 blocks 19th St., Ensley, $43,225—1 block Highland Alley, $1,120—1 block 55th Pl., $3,800—14 blocks 27th Ave. N., $67,600—2 blocks 18th St., Ensley, $11,800—6 in. concrete paving 3 blocks Bush Blvd. Alley, $3,535—removing wooden blocks and 2½ in. asphalt on 6 in. concrete paving 1 block 21st St. Viaduct, $13,290. A. J. Hawkins, city engr.

Ala., Birmingham—Oct. 20, by City Comn., 2 in. asphalt on 5 in. concrete paving 1 block Price Ave., Ensley, 30 ft. $5,000—7 in. concrete paving 4 blocks 26th St., South and Niazuma Aves., 30 ft. $20,575—6 in. concrete paving 1 block 9th Court Alley S., 12 ft., $1,570. A. J. Hawkins, city engr.

Miss., Indianola—Oct. 1, by Bd. Mayor and Aldermen, bituminous paving 6,700 sq.yd.; 10,000 sq.yd. Garvens Ferry Rd. W. B. Montgomery & Associates, Jackson, consult. engrs. Noted June 28.

Tenn., Springfield—Sept. 25, by J. R. Adams, city clk., grading, sheet asphalt paving 34,100 sq.yd. Cheatham and Betts Blvds. $75,000. Long & Co., Bennie-Dillon Bldg., Nashville, engrs.

O., Steubenville—Sept. 21, at office Comrs. Jefferson Co., traffic bound paving 2.1 mi. Hy. 52, Bergholz-Monroeville Rd., $26,500; 5.55 mi. Hy. 55, Irondale-Monroeville Rd., $59,500.

Illinois—Oct. 3, by State Dpt. P. Wks. & Buildings, Div. Hys., Springfield, paving 1.29 mi. Route 10, Sect. 36, Vermilion Co.—8.02 mi. Route 49, Sect. 137, Iroquois Co.—3.9 mi. Route 49, Sect. 145, and 2.16 mi. Sect. 146, Cook Co.—5.73 mi. Route 62, Sect. 115, Kane, Cook and McHenry Counties—8.17 mi. Route 84, Sect. 103, Rock Island Co.—3.11 mi. Route 89, Sect. 116, and 9.12 mi. Route 92, Sect. 135, Bureau Co.—3.92 mi. Route 97, Sect. 136, Henderson Co.—8.06 mi. Route 104, Sect. 126 Morgan Co.—6.03 mi. Route 104, Sect. 143, Christian Co.—5.5 mi. Route 113, Sect. 109-N, Kankakee Co.—4.66 mi. Route 116, Sect. 119, Iroquois Co.—3.4 mi. Route 119, Sect. 114, Champaign and Vermilion Counties—9.34 mi. Route 132, Sect. 101, Macon and Moultrie Counties—4.86 mi. Route 150, Sect. 101, Alexander Co.—8.08 mi. Route 150, Sect. 112, St. Clair Co.—1.86 mi. Route 152, Sect. 101-X, Randolph Co.—0.28 mi. Route 3, Sect. 69-S, Monroe Co.—0.14 mi. Route 23, Sect. 3-X, La Salle Co.—grading 1.43 mi. Route 74, Sect. 102-A, Stephenson Co.—1.04 mi. Route 92, Sect. 135-A, Bureau Co.—2.15 mi. Route 104, Sect. 143-A, Christian Co.—3.53 mi. Route 150, Sect. 134-A, Alexander Co.—0.57 mi. Route 4, Sect. 6-V-A, Grundy Co. F. T. Sheets, hy. engr.

Ill., Chicago—Sept. 25, by City, at office Bd. Local Impvts., City Hall, 6 to 24 ft. concrete sidewalks on one or both sides 95 streets and avenues. M. J. Faherty, pres.

Ill., Chicago—Sept. 25, by City, at office Bd. Local Impvts., City Hall, grading, sewers, concrete paving 4 alleys—grading, curbing, guttering, asphalt on 6 and 8 in. concrete paving Kuehl Pl., Byron, East 107th and West 83rd Sts., Lemont, Glenlake, Hiawatha, Peterson, North Hamilton, North Lavergne, North Keating, North Kilpatrick Aves.—grading, curbing, guttering, asphalt paving North Kedzie Ave.—grading, curbing, guttering, 8 in. concrete paving West 83rd St. M. J. Faherty, pres.

Ill., Forest Park—Sept. 25, by City, rein.-con. paving 10,139 sq.yd. Madison St.—21,396 sq.yd. Roosevelt Rd.—10,354 sq.yd. 15th St., Barker, Flavin, Sheets & Wallace, 35 East Wacker Dr., Chicago, engrs.

Mo., Clayton—Sept. 26 (extended date), by St. Louis Co., 7 in. rein.-con. paving 28,000 sq.yd. Clayton Rd. R. Jablonsky, Court House, co. engr. Noted Sept. 13.

Mo., Jackson—Sept. 24, by City Clerk, grading, concrete, paving 11 blocks South High, First South and North High Sts. T. J. Lacey, Jackson, engr.

Tex., Harlingen—Taking bids and opens same about Sept. 25, paving 17 blocks 7 streets. $30,000. A. Tamm, City engr. Noted Sept. 20.

Oklahoma—Sept. 25, by State Hy. Dpt., Oklahoma City, concrete slab surfacing 53,920 sq.yd. Federal Aid Project 199-H, Payne Co. $130,000—52,800 sq.yd. same road Sect. G, $125,000—54,860 sq.yd. same road Sect. C, Logan Co. $125,000. C. R. Mandigon, hy. engr.

Oklahoma—Sept. 25, by State Hy. Dpt., Oklahoma City, sheet asphalt surfacing 37,860 sq.yd. State Aid Project 446-C, Seminole Co. $100,000. C. R. Mandigo, hy. engr.

Okla., Wilson—Sept. 25, by H. T. Brown, city clk., grading, concrete paving 7,100 sq. yd. Jefferson St. $28,090. J. C. Milliken, Continental Bldg., Oklahoma City, engr.

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California—Oct. 3, by State Hy. Comn., Sacramento, grading, asphaltic concrete paving 13.5 mi. Imperial Co.—grading 5.4 mi. and grading, oil treated crushed gravel or stone surfacing 21.4 mi. San Bernardino Co. C. H. Purcell, P. Wks. Bldg., Sacramento, engr.

California—Solano Co. (Fairfield), Marin Co. (San Rafael) and State Hy. Comn., Sacramento, bids about Nov. 7, 2 mi. cut-off between Sears Point Rd. and main Sacramento-San Francisco Hy., in Solano and Marin Counties. $100,000. State has appropriated $30,000 towards cost. C. H. Purcell, Sacramento, engr.

Contracts Awarded

Massachusetts—Dept. P. Wks., Boston, bituminous macadam paving 1,683 ft. hy. in Colrain, to Perini & Ampollini, Plainville, $14,425—3,650 ft. Salem, to O. Menici, 27 Martinack Ave., Peabody, $28,163—1,145 ft. Bedford, to Kelsey Constr. Co., 161 Massachusetts Ave., Boston, $7,064—5,000 ft. Hanson, and graveling, bituminous macadam paving 4,100 ft. Sharon, to Washburn & Sheridan Constr. Co., East Taunton, $28,577 and $11,951 respectively—rein.-con. bridge in Acton, to Westcott & Munroe, 95 High St., North Attleboro, $5,349. Grand total $95,529. Noted Aug. 30.

Mass., Boston—Sheet asphalt paving Hampshire St., Ward 9, to M. F. Gaddis, 6 Beacon St., $25,410.

Mass., Boston—J. H. Sullivan, comr. Dpt. P. Wks., sheet asphalt or bitulithic paving Belvidere St., Ward 4, to J. C. Coleman & Sons Co., 1620 Tremont St., Roxbury, $63,411.

Mass., Lowell—Dpt. P. Wks., Boston, rein.-con. paving 7,180 ft. hy., to Greenough Constr. Co., South Acton, $49,171.

Conn., New Haven—E. Nettleton, city engr., bituminous macadam and rein.-con. paving Sherman, Frank and Lombard Sts., Grand and West Rock Aves., to C. W. Blakesley & Sons, 58 Waverly St. Est. $25,000. Noted Aug. 9.

New York—A. W. Brandt, comr. Highways, Albany (**e.e. means engineers estimate**) concrete paving 2.12 mi. road in Wyoming Co., to J. A. Burke, Lockport, $114,623 e.e. $158,112—3.95 mi. Otsego Co., to Hogeboom & Campfield, Inc., Kingston, $190,262 e.e. $266,016—1.01 mi. Monroe Co., to J. Bellardino, Seneca Falls, $55,920 e.e. $72,311—4.96 mi. Cayuga and Onondaga Counties, to F. Callahan, Auburn, $220,160 e.e. $319,733—1.76 mi. Tompkins Co., to P. D. Conley Constr. Co., Ithaca, $80,027 e.e. $111,559—5.13 mi. Rensselaer and Oneida Counties and 2.03 mi. Oneida Co., to Lane Constr. Corp., 37 Colony St., Meriden, Conn., $215,503 and $148,542 respectively e.e. $315,473 and $216,490 respectively—4.06 mi. Rensselaer Co., to Collins Bros., Mechanicsville, $237,454 e.e. $334,113—1.69 mi. Wyoming Co., to Greenfield & Harding, Hornell, $52,357 e.e. $69,509—12.29 mi. Ontario and Yates Counties, to Schreier Contg. Co., Inc., 1279 Fillmore Ave., Buffalo $580,733 e.e. $813,873—1.81 mi. Onondaga Co., to Rochester Concrete Constr. Co., Inc., $63,243 e.e. $85,172—4.06 mi. Suffolk Co., to Northport Sand & Gravel Co., Washington St., Northport, $268,679 e.e. $361,366—0.2 mi. Oneida Co., to Dale Eng. Co., 404 Court St., Utica, $7,678 e.e. $9,266—0.45 mi. Erie Co., to Cold Spring Constr. Co., Ellicott Sq., Buffalo, $98,216 e.e. $125,700—5.56 mi. Suffolk Co., to Riteway Constr. Corp., 299 Bway., New York, $403,936 e.e. $586,899—6.79 mi. Orange Co. and 3.5 mi. Ulster Co., to Troy Paving Co., 418 Gay Bldg., Troy, $313,726 and $162,487 respectively e.e. $442,498 and $236,733 respectively—0.64 mi. Nassau Co., to Connor Bros., Long Beach Blvd., Long Beach, $57,143 e.e. $73,715—1.42 mi. Onondaga Co., to J. H. Corbett, S. A. & K. Bldg., Syracuse, $69,581 e.e. $102,636—bituminous macadam paving 0.68 mi. Nassau, to C. H. Earle, Inc., Rockville Center $60,839 e.e. $82,945—4.22 mi. Ulster Co., to J. Arborio, 59 Center St., New Haven, Conn., $317,874 e.e. $457,487—2.9 mi. Cortland Co., to Sweeney & Boland, 39 State St., Rochester $192,056 e.e. $268,777—6.81 mi. Chautauqua and Cattaraugus Counties, to A. A. Howard, Warsaw, $251,361 e.e. $360,843—0.3 mi. mixing Method Type 2 paving Nassau Co., to Good Roads Eng. & Contg. Co., Inc., 29 Atlantic Ave., Lynbrook, $167,847 e.e. $209,150—drainage system Nassau Co., to P. W. Barton, Freeport, $5,502 e.e. $6,482. Grand total $4,335,749. Noted Aug. 16 and 23.

N. Y., Brooklyn—J. J. Byrne, pres. Brooklyn Boro, Boro Hall, sidewalks on Barbey St., to J. A. Nicosia, 139 Throop Ave., $1,334—granite paving Columbia St., to R. Greico, 44 Russell St., $83,128—asphalt paving Fulton St., to F. J. Gallagher, 490 Park Pl., $4,112—asphalt paving Hoy St., to Brooklyn Alcatraz Asphalt Co., 467 Hamilton Ave., $34,901—Pitkin Ave., to Meehan Paving & Constr. Co., 90 West St., New York, $14,086—Maple St., to J. J. McCoy Asphalt Corp., Avenue U and East 57th St., $10,647. Grand total $14[illegible]208. Noted July 19.

N. Y., Buffalo—Erie Co., rein.-con. paving Myrtle Ave., C.A.T.H. 179, to Stanwell, Mumm & Beak, Camp Rd. and Erie R.R., Hamburg, $28,769. Noted Aug. 30.

N. Y., Long Island City—B. M. Patten, pres. Queens Boro, Queens Subway Bldg., asphalt paving 69 Lane and Roanoke St., to Borough Asphalt Co., 1301 Metropolitan Ave., Brooklyn, $16,730 and $11,797 respectively—45th Ave., to W. P. McDonald Constr. Co., Lawrence Ave., Flushing, $20,272—Morton Ave., to Uvalde Asphalt Paving Co., 1 Bway., New York, $14,6[illegible]—asphalt block paving Steinway Ave., to Stanhy Constr. Co., Steinway Ave., $15,109. Grand total $208,546. Noted July 19.

N. Y., New York—H. Bruckner, pres. Bronx Boro, Boro Hall, grading Eastern Blvd., to I. F. Cavaluzzo, 1300 Cromwell Ave., $47,151—asphalt block paving Rockwood St. and Waldo Ave., to Burnside Contg. Co., 270 Burnside Ave., $8,484 and $20,854 respectively—sewer in Lurting Ave., to Coddington Contg. Co., 2883 Coddington Ave., $4,830—East 152nd and East 142nd Sts., to M. Del Balso, 2551 Cruger Ave., $5,616 and $16,675 respectively. Grand total $103,610. Noted July 19.

N. Y., New York—H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., asphalt paving East 140th St. to Gaffney Constr. Co., Zerega and Storey Aves., $8,893—Stratford Ave., to Bronx Asphalt Co., $12,909—block asphalt paving McClellan St. to C. D. Beckwith, Inc., Seneca Ave. and Edgewater Rd., $7,735—Billingsley Terrace to L. DiMinna, 2366 Lorillard Rd., $35,409—grading Odell St. to M. Del Balso, 2551 Cruger Ave., $3,947, Plymouth Ave., to F. Gabrielle, 2750 Creston Ave., $3,816—East 227th St. and Seymour Ave., to F. Calvaluzzo, 1300 Cromwell Ave., $10,970 and $6,533 respectively. Grand total $90,212. Noted Aug. 9.

N. Y., New York—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., grading, sewer work in Concourse Yard, West 206th St. and Jerome Ave. for Rapid Transit R.R., to J. O'Connell, 4290 Martha Ave., $301,750. Noted Sept. 6.

N. Y., St. George—J. Lynch, pres. Richmond Boro, Boro Hall, bituminous paving Fingerboard Rd., Vanbro Constr. Co., 24 Elizabeth St., West New Brighton, $20,228; bituminous macadam paving Simonson Pl., to J. E. Donovan Paving Co., 2205 Richmond Terrace, Port Richmond, $696; grading Amboy Rd., to J. J. O'Rourke, 238 Gordon St., $13,270. Grand total $34,194. Noted Sept. 6.

N. Y., St. George—J. A. Lynch, pres. Richmond Boro, Boro Hall, grading Atlantic Ave., to Vanbro Constr. Co., 24 Elizabeth St., Port Richmond, $33,555; concrete repaving Rockland Ave., to J. E. Donovan, 2207 Richmond Terrace, Port Richmond, $5,939. Noted Aug. 30.

N. Y., Syracuse—Bd. Contr. & Supply, City Hall, to Gallup Constr. Co., Merchants Bank Bldg., paving Spring St., $38,826; to Dickinson Co., Union Bldg., Huron St. $9,614; Hier St. $21,856; Broad St. $57,481; East Fayette St. $96,384. Grand total $233,567. Noted Mar. 22.

N. Y., Syracuse—Bd. Contr. & Supply, paving Bellevue Ave., to Dale Eng. Co., 1066 North Geddes St., $52,417—Avery Ave., to Rago Bros., Union Bldg., $109,458—resurfacing Forman Ave., to J. H. Gallup, Merchants Bank Bldg., $11,019. Grand total $172,894. Noted Aug. 30.

N. Y., Tompkinsville—(sta. Staten Island)—Jacob A. Fine Estates, 206 Bway., grading, curbing, guttering, sidewalks, mains, sewers, paving, to Lansdale Constr. Co., 104 West 42nd St., New York. Est. $109,500.

N. Y., West New Brighton (sta. Staten Island)—Jacob A. Fine Estates, 206 Bway., New York, curbing, guttering, sidewalks, mains, sewer, paving at Richmond Gardens, to Landsdale Constr. Corp., 104 West 42nd St., New York. Est. $300,000.

N. J., Hillside (br. Elizabeth)—Twp. Com., 7 in. rein.-con. paving Bailey Ave., to Nesto Constr. Co., 423 Amherst St., East Orange, $27,283. Est. $32,000.

N. J., Kearny (sta. Arlington)—Paving Central Ave., to Nesto Constr. Co., 423 Amherst St., East Orange, $113,587. Noted Sept. 6.

N. J., Milford—Hunterdon Co. (Flemington), penetration macadam paving Milford-Riegelsville Rd., to Sigafood & Poore, Riegelsville, $86,844. Noted Aug. 16.

N. J., West New York—Bd. Town Council, Municipal Bldg., grading, bituminous concrete paving Lincoln Pl., to R. and F. Concreting Co., Inc., 412 44th St., Union City, 89% est. $25,000. Noted Sept. 6.

Streets and Roads (Continued)

Pennsylvania—State Hy. Comn., Harrisburg, grading, rein.-con. paving 25,273 ft. Montgomery Co., to McInerney & McNeal, Easton, $193,359—concrete paving 29,300 sq.yd. Wayne Co., to Tyler & Cole, Meshoppen, $132,867—12,550 sq.yd. Clarion Co., to State Constr. Co., New Kensington, $65,807—45,300 sq.yd. Crawford Co., to Eastern States Constr. Co., Mercer, $174,438—8,160 sq.yd. McKean Co., to W. D. Fote, Clean, N. Y. $40,926—7,500 sq.yd. Delaware Co., to Suburban Constr. Co., Ardmore, $59,846—11,670 sq.yd. Cumberland Co., to W. T. Staats & Co., Harrisburg, $63,556. Grand total $730,799. Noted Aug. 23.

Pennsylvania—State Hy. Comn., Harrisburg, grading 14,759 ft. Chester Co., to V. De Francesco, Llanarch $32,287—bituminous macadam surfacing 10,549 ft. York Co., to J. C. Shawfield, Union Trust Bldg., Harrisburg $49,294—concrete paving 42,000 sq.yd. Schuylkill Co., to Georges Constr. Co., Uniontown $222,568—14,000 sq.yd. Blair Co., to Tri State Eng. Co., 39 Liberty Trust Bldg., Cumberland, Md. $64,589—19,054 ft. Montgomery Co., to Pottsville Constr. Co., Pottsville $179,763—3,500 sq.yd. McKean Co., to H. S. Hull, Smethport $17,433—15,100 sq.yd. Westmoreland Co., to Herrmann & Gass, Latrobe $73,274—6,400 sq.yd. Susquehanna Co., to E. V. Chappelle, 40 Wall St., Binghamton, N. Y. $56,942—75,000 sq.yd. Tioga Co. and 34,600 sq.yd. Columbia Co., to Colonial Constr. Co., 902 Arrott Bldg., Pittsburgh $404,467 and $211,065 respectively. Grand total $1,311,682. Noted Aug. 23.

Pa., Pittsburgh—City Controller, City-County Bldg., grading, curbing, paving Irvine St., Hazelwood Dist., to M. O'Herron Co., South 15th and McKean Sts., $174,749. Noted Aug. 2.

Maryland — State Roads Comn., Baltimore, concrete paving 3.04 mi. Contr. 178C, Carroll Co., to Thomas, Bennett & Hunter, Westminster, $66,223.

Md., Baltimore — Bd. Awards, concrete paving 7,350 sq.yd. Contr. 480, to Arundel Contg. Co., Knickerbocker Bldg., $17,081. Noted Aug. 23.

Md., Baltimore—Bd. Awards, sheet asphalt paving 11,600 sq.yd. Contr. 481, to Baltimore Asphalt Block & Tile Co., 1320 North Monroe St., $51,848. Noted Aug. 30

Va., Richmond—Paving, improving Spring Hill and other streets, to G. P. Clay, $18,752; paving in West End, to R. R. Williams, 1211 North 22nd St. $12,253.

W. Va., Wheeling—Ohio Co., concrete paving 1½ mi. Glenne Run-Cherry Hill Rd., to Stringer & Springer Constr. Co., Wheeling Bank & Trust Bldg., $45,337.

Ala., Birmingham—City Comn. **(e.e. means engrs. est.)**, to Newell Constr. Co., Martin Bldg., curbing, guttering, cement sidewalks, 2 in. asphalt on 5 in. concrete paving 5 blocks 7th St. W., $16,290 e.e. $24,500; curbing, guttering, cement sidewalks, 2 in. asphalt on 6 in. concrete paving 4 blocks 6th Ave., $14,317 e.e. $15,000; 2 blocks 46th St., $8,048 e.e. $8,975; 2 blocks Oweenton Ave., $9,878 e.e. $10,100—to Morgan Hill Constr. Co., Woodward Bldg., 7 blocks Ave. M, Ensley, $26,451 e.e. $38,400; 2 in. asphalt on 6 in. concrete paving 250 ft. Ave. R, Ensley, $1,020 e.e. $1,155—to W. H. Pattie Co., 1566 North 23rd St., 2 blocks 6th St. N., $6,225 e.e. $8,700—to Southern Roads Co., Pioneer Bldg., 3 blocks 9th Court, $8,791 e.e. $9,150—to Fromholt Co., American-Traders Bldg., ½ block Georgia Rd., $1,103 e.e. $2,050—to H. N. Bowdry, Alabama Power Co's Bldg., 3 blocks 6th Ave. W., $17,772 e.e. $18,100—to Christie Hutchison Co., American-Traders Bldg., 3 blocks 17th St. S., $11,856 e.e. $12,250—to Dunn Constr. Co., Lincoln Life Bldg., 5 blocks 18th St., $24,126 e.e. $25,100—to Wesco Co., Martin Bldg., 2 blocks 6th Ave. S., $4,695 e.e. $5,100—to Christie Constr. Co., American-Traders Bldg., 3 blocks 5th Ave. N., $9,037 e.e. $10,100. Grand total $159,609. Noted Aug. 30.

Miss., Belzoni—Humphreys Co., improving 46.64 mi. Yazoo City-Moorhead Rd., to T. L. James, Ruston, La., $90,463.

Miss., Jackson — Hinds Co., improving Edwards-Utica Rd., 6,500 cu.yd. excav., 10,000 units overhaul, 508 cu.yd. gravel surfacing, 7,000 cu.yd. overhaul, also grading, concrete paving 0.525 mi. Raymond-Utica Rd., to Lawrence Constr. Co., Lamar Life Bldg. $410,190.

Miss., Lexington—Holmes Co., grading, graveling Lexington St. to line of Beat 3, to Standard Hy. Co., Inc., Hammond, La., $45,000.

Tenn., Ripley—Paving, curbing, guttering principal streets, to W. J. Parson, Jackson, $57,862.

Tenn., Selmer—McNairy Co., grading, hard-surfacing 13 mi. State Hy. 15, to Jameson Bros., Inc., High Point, N. C. Est. $34,000. Noted July 26.

O., Akron — F. E. Swineford, dir. Pub. Serv., **(e.e. means engrs. est.)** grading, curbing with **(a)** stone **(b)** concrete paving with (*) Texaco (**) Trinidad **(1)** 4,570 ft. Westover Dr. et al., **(2)** 717 ft. Nome Ave. **(3)** 1,529 ft. Greenwood Ave. **(4)** 1,157 ft. Bell St. et al., **(5)** 610 ft. Mineola Ave., grading, concrete guttering **(6)** 1,000 ft. Arnold Ave., to Columbus Asphalt Paving Co., 309 Buckeye Bldg. **(a*1)** $73,831 e.e. $109,000 **(b*2)** $17,919 e.e. $32,400 (*3) $20,127 e.e. $32,900—to T. E. McShaffrey Constr. Co., 173 South Forge St. **(b*4)** $23,567 e.e. $33,000—to McCourt Constr. Co., 369 South Main St. **(b**5)** $14,408 e.e. $21,700—to Guran & Brancich, 429 Matthews St. **(6)** $2,973 e.e. $3,800. Noted Aug. 9.

O., Cincinnati—Grading, curbing, sidewalks, concrete repaving 8,600 sq.yd. Riverside Dr. and Hillside Ave., to A. E. Freshwater & Sons, 312 Hazen Bldg., $43,370, est. $49,485—14,700 sq.yd. Baltimore Ave., to Andrews Asphalt Co., 308 Eagles Savings Bldg., $74,633, est. $85,706—16,000 sq.yd. Rapid Run Pk., to Hannon-Hughes Constr. Co., 911 Atlas Bank, $92,580; est. $117,310. Grand total $210,583.

O., Cleveland—Cuyahoga Co., grading, curbing, guttering, 3 in. vitr. brick paving 20,050 sq.yd. Wagar Rd. 2, to Cleveland Trinidad Paving Co., Western Reserve Bldg., $117,366.

O., Cleveland—Grading ,concrete paving 14,950 sq.yd. Lee Rd. 9, to Cleveland Trinidad Paving Co., Western Reserve Bldg., $69,859.

O., Columbus — F. L. Donnally, clk. Franklin Co., grading, bituminous macadam paving 0.21 mi. Sharon Twp., to J. M. Snouffer, Dublin, $5,583—3.057 mi. Jefferson Twp., to Cleveland Trinidad Paving Co., Grand Theater Bldg., $50,331—0.154 mi. Clinton Twp. and scarifying 5 in. waterbound macadam repaving 1.33 mi. Truro Twp., to Barricklow Constr. Co., 1775 Franklin Park South, $6,352 and $9,340 respectively. Grand total $71,606. Noted Aug. 23.

Ind., Brazil—Clay Co., concrete paving H. H. Ward Rd., to Foulkes Contg. Co., 705½ Ohio St., Terra Haute, $111,779.

Ind., Crown Point—Lake Co., asphaltic concrete paving Herman L. Key Rd., to Williston Constr. Co., 105 Circle Ave., South Bend, $90,800; concrete paving P. R. Hale Rd., to J. J. Nejdl, Whiting, $248,000. Noted May 3.

Ind., Evansville—Vanderburgh Co., concrete paving Weinback Rd., to Yeager Constr. Co., Evansville, $28,400; Mohn Rd., to Coulson & Reinga, Inglefield, $16,399.

Ind., Indianapolis—Bd. Wks., concrete paving Boulevard Pl., to W. D. Vogel, 702 West Morris St., $20,182; asphaltic concrete paving Tibbs Ave. and Boulevard Pl., to Indiana Asphalt Paving Co., 2810 Columbia Ave., $20,154 and $12,567 respectively. Grand total $52,903.

Ind., South Bend — Concrete paving, widening 22nd St., to Albert Constr. Co., South Bend, $66,315. Noted May 10.

Mich., Dearborn—Concrete curbing, 8 in. concrete paving 40,000 sq.yd., to Otis Cement Constr. Co., 419 Hammond Bldg., Detroit, $123,560.

Mich., Escanaba — For 7 in. concrete paving 16,988 sq.yd., to Delta Constr. Co., Escanaba, $53,103. Noted Aug. 2.

Mich., Flint—Concrete curbing, one course concrete paving 20,000 sq.yd. Fenton Ave., to White Constr. Co., 1550 Buhl Bldg., Detroit, $65,474.

Mich., Pontiac — Oakland Co., grading, one course Class "F" concrete paving 70,400 sq.yd. Maple Rd., to S. A. Healy Co., 6567 East Seven Mile Rd., Detroit. Est. $300,000.

Ill., Alton—Grading, curbing, concrete paving Riley Ave., to Strubel & Helmick, 1117 West 9th St., $8,335; Park Dr., to J. B. Miller, 519 Belle St., $17,027.

Ill., Fox Lake—For 80,000 sq.ft. concrete sidewalks, to Central West Constr. Co., Wheaton, $35,047. Noted Aug. 23.

Ill., Hinsdale—Rein.-con. paving 21,000 sq.yd. Radcliffe Park and 42,600 sq.yd. Southwest Paving Dist., to Sternberg-Powell Co., 53 West Jackson Blvd., Chicago, $75,795 and $152,538 respectively—11,400 sq.yd. Grant St., and concrete paving 7,000 sq.yd. Vine St., to United Contractors, Glen Ellyn, $39,054 and $28,354 respectively—rein.-con. paving 9,547 sq.yd. Madison St., and 47,306 sq.yd. Cass St., to Powers-Thompson Co., Joliet, $40,369 and $167,760 respectively. Grand total $504,041.

Wisconsin—State Hy. Comn., Madison, concrete paving 49,941 sq.yd. Project 340-C, Buffalo Co., to V. Carlson & Sons, Inc., 534 Securities Bldg., Minneapolis, Minn., $106,208.

Wis., Milwaukee—Dpt. P. Wks., R. E. Stoelting, comr., to Badger Constr. Co., 97 East Wisconsin Ave., grading, paving Flebrantz Ave. $7,537—to A. J. Koch, 1297 Cramer St., 65th St. $2,419; Stevenson St. $720—to Schwerm Bros., 50 Lee St., 66th St. $4,433; 67th St. $4,422; 2 alleys $5,440—to Bodemann Constr. Co., 691 48th St., 68th St. $2,069; 1 alley $8,320—to N. Harris, Girard and St. Albian Sts., 1 alley $344—to Eastern Constr. Co., 878 Franklin Pl., 3 alleys $5,649—to J. C. Bluhm & Son, 1299 Achilles Pl., 1 alley $3,317. Grand total $44,671. Noted Aug. 23.

Iowa—State Hy. Comn., Ames, grading paving 7,900 sq.yd. roads Adair Co., to Wright Constr. Co., 1325 Main St., Des Moines, $20,517—25,069 sq.yd. Jackson Co., and 10,941 sq.yd. Keokuk Co., to C. H. Atkinson Paving Co., Watertown, S. D., $56,632 and $32,745 respectively — 5,637 sq.yd. Johnson Co., to E. Horrabin Constr. Co., 15 East College St., Iowa City, $23,539—199,222 sq.yd. Lee Co., to Cameron-Joyce Co., Keokuk, $436,856—76,472 sq.yd. O'Brien Co., to C. F. Lytle Constr. Co., Finance Bldg., Sioux City, $173,245—11,392 sq.yd. Washington Co., to Des Moines Asphalt Paving Co., 2nd and New York Sts., Des Moines, $25,405—grading, culverts 4.47 mi. Cass Co., and 2.204 mi. Pottawattamie Co., to J. A. Carlson Constr. Co., Omaha, Neb., $34,863 and $21,055 respectively—0.856 mi. Clinton Co., to E. Sash, Cedar Rapids, $4,965—4.507 mi. Delaware Co., to T. Ryan & Sons, Missouri Valley, $25,690—10.35 mi. P-576 Pottawattamie Co., to G. W. Condon, 415 Farnum St., Omaha, Neb., $67,047—0.934 mi. Washington Co., to Longerbone Bros., 1310 Market St., Des Moines $4,722—7.362 mi. Winneshiek Co., to Jenner Bros., Davenport, $45,059. Grand total $971,807. Noted Aug. 30.

Ia., Allerton—Wayne Co. grading 12.542 mi. U. S. Hy. 65, to Roberts Constr. Co., 404-5 1st. Nat'l. Bldg., Lincoln, Neb. $91,842.

Ia., Chariton—Lucas Co., grading 2.882 mi. U. S. Hy. 34, to Elarton & Elliott Bussey, $29,873.

Ia., Decorah—Winneshiek Co., to Fred Carlson Paving Co., Decorah, improving roads, 15,020 sq.yd. concrete paving at $2.30 per sq.yd., 4,950 ft. curb and gutter $0.80, 1,287 cu.yd. excav. $0.70, 8 curb inlets $35 each, 1,040 ft. 12 and 15 in storm sewer $1.25 and $1.50, 225 cu.yd. gravel or crushed stone shoulders $2.30 1,000 lb. extra reinforcing $0.04, 10 cu.yd extra concrete $15.

Ia., Lisbon — Curbing, guttering, 7 in rein.-con. paving 10,700 sq.yd., to Karneman Bros., Muscatine, $23,362. Est. $26,114. Noted Aug. 2.

Ia., Northwood — Worth Co., grading 6.593 mi. U. S. Hy. 65, to G. C. Condon, Omaha, Neb., $27,535.

Ia., Ottumwa—E. J. Chambers, city clk., gravel concrete paving 32,000 sq.yd. 3 alleys, East Court, Elm, Ogden, Cherry, Grant, Fellows, Mill, Spring, Sheffield, Clarence, Woodland, West and Benton Sts., to J. C. Blunk Constr. Co., $73,231; Ballingall branch sewer extension, to Quinn & Brady Constr. Co., Ottumwa, $4,245.

Ia., Waukon—Allamakee Co., 6 in. concrete paving 1.8 mi. U. S. Hy. 55, to Booth & Olson, 318 Exchange Bldg., Sioux City, $47,519.

Ia., Waverly—Bremer Co., 7 and 10 in. concrete paving 6.541 mi. Primary Road 10, to Bryant Paving Co., Black Hawk Bldg., Waterloo, $157,612.

Kan., Anthony—Harper Co., grading, bridging 8.918 mi. Federal Aid Project 361-B, to Shultz Constr. Co., Wichita, $35,433; 2 bridges, to Hungerford Constr. Co., Wichita, $4,476. Noted Aug. 9.

Kan., Dodge City—Ford Co., to Hall-Hardman Constr. Co., Alton, sand gravel surfacing 3.959 mi. Project 570, $5,889; 12.102 mi. Project 571-A, $23,660; 11.151 mi. Project 571-B, $21,781. Grand total $51,330. Noted Sept. 6.

Kan., Eldorado — Clerk Butler Co., concrete or brick paving 23,275 sq.yd. Federal Aid Project 239-A, to Roberts Constr. Co., Box 287 Hutchinson, $51,572; grading, bridging 38,789 cu.yd. Federal Aid Project 239-G, to R. G. Aldridge Constr. Co., 2034 North 7th St., Kansas City, $43,820 and $5,183 respectively. Grand total $100,575. Noted Aug. 2.

Kan., Ft. Scott — Clerk Bourbon Co., grading, bituminous macadam paving 52.384 sq.yd. Federal Aid Project 335-A, Dist. 5, to O. O. Fuller, Nevada, Mo., $111,036. Noted Aug. 16.

Kan., Kingman—Kingman Co., grading and 3 bridges on 8.187 mi. Federal Aid Project 341-E, to Campbell Bros., 608 Manufacture Exch., Kansas City, Mo., $31,857 and $5,929 respectively. Noted Aug. 23.

Kan., Marion—Marion Co., sand gravel surfacing 7.461 mi. US. Rd. 50-S, Project 646, to Roberts Constr. Co., P.O. Box 287, Hutchinson, $12,299. Noted Aug. 9.

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Streets and Roads (Continued)

Kan., Newton — Harvey Co., grading 11.045 mi. Project 560, to A. L. Cook, Ottawa $45,644—sand gravel surfacing 2.488 mi. Project 676, to F. B. Cornelison, Wichita, $3,750—2 bridges, to E. W. King, Hesston, $27,208. Noted Aug. 16.

Kan., Phillipsburg—Phillips Co., grading 2.5 mi. Rd. K9, Project 611, to Rogers Constr. Co., Norton, $14,818; 3 bridges on same project, to G. F. Bump, Norcatur, $7,170. Noted Aug. 9.

Kan., Wellington—Sumner Co., grading, culverts 14.319 mi. Project 49-5-Kansas 667-A, to E. W. Kolterman, 404 Securities Bldg., Omaha, Neb., $55,716.

Neb., Grand Island—H. E. Clifford, city clk., curbing asphalt or asphaltic concrete paving 10,707 sq.yd. Dist. 76 (West Koenig St.), to Diamond Eng. Co., 1124 North Locust St., $30,340.

North Dakota—State Hy. Comn., Bismarck, to G. Grant Constr. Co., St. Paul, grading 13.702 mi. Project 260-H, $39,396; 2.062 mi. Projects 260-H and 1025-A, $7,123; and 9.009 mi. Project 366, Pembina Co. $20,728—to A. Campbell, Grace City, 8.079 mi. Project 372-A, Rolette Co. $28,019—to W. Collins, Lakota, 12.486 mi. Project 344-B, Ramsey Co., $33,572. Grand total $128,748.

Wyoming—State Hy. Comn., Cheyenne, grading, 17,400 cu.yd. and constructing 3 timber bridges on Federal Aid Project 173-B, Uinta Co., to Morrison Knudson, Boise, Idaho, $69,501; crushed gravelling 16,650 cu.yd. State Project 729, Niobrara Co., to T. J. Tobin, Madison, S. D., $47,120.

Mo., Butler—Concrete paving, to Thormartin & Ries, Ft. Scott, Kan., $24,370. Est. $25,000. Noted July 5.

Mo., Kansas City—Vitr. brick paving West Linwood St. between Main St. and Bway., to Gray Paving & Material Co. 1927 Vine St., $32,131.

Mo., Pleasant Hill—Concrete paving 10,028 sq.yd. Cedar and 1st Sts., to E. D. Tyner Constr. Co., 14th and Elmwood Sts., Kansas City, $23,366. Est. $25,000. Noted Aug. 16.

Mo., Rockport—Atchison Co., 30 ft. grading 4.899 mi. Project 309-B, to G. W. Condon Co., 223 Grain Exch. Bldg., Omaha, Neb., $49,936.

Ark., Harrison—Bd. Comrs. Paving Dist. 4, grading, curbing, 125 cu.yd. 1, 2, 3 concrete and 14,000 sq.yd. plain concrete paving, to Turk Constr. Co., 221 Vernon Ave., Little Rock, $43,000. Noted June 7.

Texas — G. Gilchrist, state hy. engr., Austin, grading 9.84 mi. hy. in Rosebud and Custer Counties, to J. M. Carter, Billings, $50,610. Noted June 14.

Tex., San Antonio—See "Proposed Work."

Oklahoma — State Hy. Dpt., Oklahoma City, grading 3.5 mi. Jackson Co., to D. Sweeney, 614 West 11th St., Oklahoma City, $20,105—13 mi. Okfuskee Co., to R. T. Amis, 3922 Euclid St., Kansas City, Mo., $60,531, est. $70,000—4.849 mi. Oklahoma Co., to Maney & Alley, Empire Bldg., Oklahoma City, $26,857 est. $30,000—sheet asphalt paving 19,598 sq.yd., Canadian Co., to Park & Co., Okmulgee, $65,707, est. $75,000—47,000 sq.yd. Oklahoma Co., to Western Paving Co., Petroleum Bldg., Oklahoma City, $146,810, est. $165,000. Grand total $320,010. Noted July 26.

Okla., Cement—Grading, concrete paving 7,860 sq.yd. Bway., to Highway Constr. Co., Kennedy Bldg., Tulsa, $26,116. Est. $27,000.

Okla., Chickasha—Grading, concrete paving 9,100 sq.yd. 9th and Virginia Sts., to Edmiston Constr. Co., Chickasha, $26,463. Est. $28,000.

Okla., Clinton—Grading, concrete paving 8,870 sq.yd. North 14th St., to Standard Paving Co., 2119 East 11th St., Tulsa, $29,401. Est. $30,000.

Okla., Medford—Grading, concrete paving 6,100 sq.yd. Guthrie St., to Ward Beekman & Brooks, 1801 East 9th St., Oklahoma City, $25,101. Est. $27,000.

Okla., Shawnee—Grading, sheet asphalt paving 6,100 sq.yd. Dist. 67 to H. L. Cannady & Co., 1122 South Lewis St., Tulsa, $24,430. Est. $26,360.

Okla., Weatherford—Grading, concrete paving 15,000 sq.yd. Caddo St., to Standard Paving Co., 1742 East 6th St., Tulsa, $45,812. Est. $54,000.

Colo., Colorado Springs — Broadmoor Hotel Co., c/o C. L. Tutts, 301 Mining Exch. Bldg., reservoir, to W. A. Colt & Sons, Las Animas, $25,000.

Wash., Seattle—Bd. P. Wks., paving 6th Ave. (Denny Regrade), to George Nelson & Co., 231 Summit Ave. $1,516,974. Noted Sept. 13.

Wash., Tacoma—Light grading, curbing, concrete paving 31,146 sq.yd. Adams, Washington, North 33rd to 38th Sts. (inclusive), and 11,404 sq.yd. South D-Division Lane-Pacific Ave., to S. A. Moceri, Inc., 1313 South 13th St., $74,259 and $26,592 respectively. Est. $82,770 and $29,545 respectively.

California—State Hy. Comn., Sacramento, widening, asphaltic concrete paving 6.1 mi. Tulare Co., to Valley Paving & Constr. Co., Visalia, $119,772. Est. $134,497—grading 5 mi. Glenn Co., to D. McDonald, 1118 G St., Sacramento, $35,143. Noted Sept. 13.

Calif., Long Beach—Grading, curbing, walks, 8 in. concrete paving 75,725 sq.ft. San Francisco Ave., to B. W. Hicks, 2364 Atlantic Ave., $30,193.

Calif., Los Angeles—Sidewalks, guttering, 8 in. concrete paving 258,019 sq.ft. Beverly Blvd., to Hollywood Paving Co., 8525 West 3rd St., $88,808. Est. $100,870. Noted Sept. 13.

Calif., Los Angeles—Bd. P. Wks., grading, sidewalks, guttering, 8 in. concrete paving 143,997 sq.ft. Riverside Dr., to G. R. Curtis Paving Co., 2440 East 26th St., $57,856; 5 in. sheet asphalt paving 187,742 sq.yd. and 6 in. asphalt paving 178,975 sq.ft. 105th St., to Warren Constr. Co., 2221 East 25th St., $39,734.

Calif., San Diego—Bd. Supervs., San Diego Co., grading, 2 in. warrenite on 3 in. asphaltic concrete paving 237,978 sq.ft., 5 in. concrete paving 14,451 sq.ft. 9th and other streets in Silver Strand Beach Gardens, to Griffith Co., 1308 Newton Ave., $84,265. Noted Aug. 23.

Calif., San Rafael — Grading, asphaltic concrete on waterbound macadam paving H and 5th Sts., to Hollywood Paving Co., 8525 West 3rd St., Los Angeles, $68,891.

Ont., Ford—Concrete paving Tourangeau Rd., Alice St. and George Ave., to Merlo, Merlo & Ray, Sandwich St., $34,859; concrete sidewalks on 5 streets, to E. Warner, Sandwich, $3,021. Est. $40,000.

Ont., Walkerville—Concrete paving Ypres Ave., to Premier Constr. Co., 924 Windsor Ave., Windsor, $32,866; Mohawk St., Argyle Court and 3 alleys, to Cadwell Sand & Gravel Co., 228 Sandwich St., Windsor, $14,642.

Ont., Walkerville—Concrete paving Vimy Ave., Turner Rd. and 4 alleys, to Merlo, Merlo & Ray, Sandwich St., Ford, $28,941; 4 roads and concrete sidewalks, to Cadwell Sand & Gravel Co., 228 Sandwich St., Windsor, $15,436. Est. $75,000. Noted July 5.

B. C., Point Grey—For 6 in. concrete paving, to Hodgson King & Marble Ltd., 626 Pender St. W., Vancouver, $9,265—to Armstrong, Morrison Paving Co., 553 Granville St., Vancouver, $23,801—to Dawson Wade & Co., 500 Beatty St., Vancouver, $8,589—to Harrison & Lamond, 615 Hastings St. W., Vancouver, $26,657—warrenite on rock paving, to Columbia Bitulithic Ltd., 500 Beatty St., Vancouver, $3,740. Grand total $72,052.

B. C., West Vancouver—For 7 in. concrete paving 3 ft., each side and warrenite bitulithic paving 12 ft. center 8-mi. Martha Dr., to Ellis-Cotton Ltd., False Creek Yd., Vancouver, $167,000.

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Public Bond Elections

Coming Bond Elections

Waterworks — Conneaut, O., November, $350,000.

Waterworks — Longview, Tex., Sept. 29, $23,000.

Sewers, Paving, etc.—Jacksonville, Fla., $1,500,000.

Sewage System—Lexington, Ky., Nov. 6, $1,100,000.

Sewers—Longview, Tex., Sept. 29, $45,000.

Roads—Covington County, Miss., $60,000.

Roads — Brown County, Tex., Oct. 1, $1,650,000.

Roads — Lavaca County, Tex., Oct. 9, $350,000.

Paving—Longview, Tex., Sept. 29, $95,000.

Roads—Jim Wells County, Tex., Oct. 2, $450,000.

Roads — Willacy County, Tex., Sept. 29, $400,000.

Schools—Neosho, Mo., $150,000.

City and Fire Hall — Rochester, Minn., $150,000.

Court House—Coleman, Tex., $250,000.

Bonds Voted

Waterworks—Pisgah, Iowa, $15,000.

Waterworks—Eden, Tex., $30,000.

Waterworks—Liberty, Tex., $50,000.

Waterworks—Oceanside, Calif., $110,000.

Paving—Appleton City, Mo., $25,000.

Roads—Ellis County, Tex., $190,000.

Roads—Runnels County, Tex., $525,000.

Roads—Waller County, Tex., $330,000.

Airport—Amarillo, Tex., $100,000. J. D. Bartlett, Mgr.

Bonds Defeated

Waterworks—Bismarck, Mo., $47,000.

Buildings—Industrial

Proposed Work

Mass., Boston—AUTO SALES and REPAIR GARAGE—Packard Motor Car Co., A. MacAuley, pres., East Grand Blvd. Detroit, Mich., revised plans by A. Kahn, Inc., Marquette Bldg., Detroit, Mich., 4 sty., 115 x 235 ft., rein.-con., steel, limestone addition, plain found., Commonwealth Ave. Est. exceeds $40,000. Former bids rejected. Noted July 12.

Mass., Worcester—GARAGE and SHOWROOM—Fay Barry Motor Co., 63 Harding St., plans by Frost, Chamberlain & Edwards, 390 Main St., brick, steel, Harding St. Est. exceeds $40,000.

Conn., Bristol—FACTORY—New Department Mfg. Co., 269 North Main St., soon lets contract 1 story, 125 x 200 ft., brick, steel addition, Terryville St. $75,000. Lockwood, Greene & Co., 24 Federal St., Boston, Mass., archts.

Conn., Thomaston — PLANT — Seth Thomas Co., Elm St., replacing several lumber units with brick structure South Main St. To exceed $40,000. Engineer and architect not selected.

Conn., Waterford—SERVICE—Connecticut Power Co., 35 Union St., New London, plans by L. H. Goddard, 85 State St., New London, 3 story, 75 x 210 ft., brick, steel. $200,000.

N. Y., Brooklyn—SERVICE GARAGE—F. F. Pannaman, archt., 26 Court St., bids after Oct. 15, service garage, Gravesend Ave. and Avenue M, for S. and A. Raccuso, 2063 61st St. $50,000. Noted Apr. 26.

N. Y., Hollis (br. Jamaica)—SERVICE GARAGE—C. Hedwig, 98-02 195th St., plans by E. Guterman ,164 Montague St., Brooklyn, 80 x 97 ft., brick, concrete, 195th St. and 98th Ave. $50,000.

N. Y., New York—BAKERY and STORE—Golsam Realty Corp., S. Silverman, pres., 135 Bway., plans by Franklin, Bates & Heindsmann, 2526 Webster Ave., 1 story, 90 x 166 ft., brick, Sedgewick and Van Courtland Aves. $60,000.

N. Y., New York—LOFT and STORAGE—Mosaic Tile Co., 327 West 42nd St., soon lets general contract 8 story loft and storage, 643 West 41st St. $100,000. F. S. Parker, 119 West 57th St., archt. Noted Aug. 30.

N. Y., New York—SERVICE GARAGE and APARTMENT—I. Shernon, 1176 Fox St., plans by Bleich & Gottlieb, 708 East Tremont Ave., 4 story, 50 x 107 ft., brick, 167th and 168th Sts. $55,000.

N. Y., New York—SERVICE GARAGE—Whitlock Realty Corp., W. J. McCormick, pres., 1050 Whitlock Ave., plans by C. A. Perice, 419 4th Ave., 1 story, 94 x 166 ft., brick, steel, concrete, Whitlock and Westchester Aves. $45,000.

N. J., Hillside (sta. Elizabeth)—FACTORY and OFFICE—Austin Co., engrs. and archts., 120 Bway., New York, soon lets general contract 2 story, basement, rein.-con., brick, steel, plain found., for Lionel Corp., 24 Neslett St., Newark. $40,000.

N. J., Jersey City—BAKERY—Vietmeyer Bros., Inc., 175 Sherman Ave., plans by W. Neuman, 40 Journal Sq., 2 story, basement, brick, steel addition, plain found., Sherman Ave. $50,000. Noted Aug. 30.

N. J., Little Ferry — WAREHOUSE, STORAGE TANKS, GARAGE and OFFICE—Texas Co., 60 Park Pl., Newark, 3 story, basement, brick, steel, plain found., Mehrhof Rd. $150,000.

N. J., Newark — ELECTRIC SUB-STATIONS—Pub. Serv. Electric & Gas Co., 80 Park Pl., sketches by Pub. Serv. Production Co., 80 Park Pl., 2 story, basement, 40 x 70 ft., 1233-9 Broad St., $60,000; 2 story, 100 x 115 ft., 304-12 Norfolk St., $75,000.

N. J., Newark — MANUFACTURING—Delagrave Co., 829 Bway., plans by W. Clifford, Jr., 293 Morris Ave., Elizabeth, 3 story, basement, 45 x 100 ft., rein.-con., brick, steel, plain found., Oraton St. $40,000.

Tenn., Sparta—SILK THROWING MILL—J. C. Welwood Corp., 2 Park Ave., New York, plans by Robert & Co., Bona Allen Bldg., Atlanta, Ga., silk throwing mill. $750,000.

O., Cincinnati — FACTORY — Container Corp. of America, 5500 Eastern Ave., soon lets contract 2 story, 180 x 300 ft., brick, steel factory. Devore Co., Cincinnati, engrs. and archts.

O., Cleveland—LAUNDRY—West Pennsylvania Laundry Co., A. J. Solder, pres., 10610 Madison Ave., plans by H. M. Morse, Finance Bldg., 1 and 2 story, 60 x 110 ft., brick, steel addition, Madison Ave. and Berea Rd. $40,000.

Ind., Ft. Wayne — MACHINE SHOP and SALES — Poinsatte Bros., 323 East

Buildings—Industrial (Continued)

Washington St., plans by Pohlmeyer & Pohlmeyer, 260 Central Bldg., 1 story, 60 x 150 ft., brick, steel, machine shop and sales building. $50,000.

Mich., Highland Park (br. Detroit) — AUTOMOBILE PLANT — Chrysler Motor Car Co., plans by Smith, Hinchman & Grylls, 800 Marquette Bldg., Detroit, 1 story, 45 x 400 ft., rein.-con., brick top addition, Oakland Ave. $55,000.

Mich., Sturgis—PAPER PLANT—Natl. Carbon Coated Paper Co., plans by Billingham & Cobb, 211 Woodward Ave., Kalamazoo, 2 story, 80 x 200 ft., rein.-con., brick, plain found. $65,000.

Minn., Minneapolis — POWER PLANT and LAUNDRY—St. Barnabas Hospital, C. E. Purdy, secy., 1123 Metropolitan Life Bldg., plans by Magney & Tusler, 104 South 9th St., 2 story, basement, rein.-con., brick, stone, 6th St. between 9th and 10th Aves. S. $200,000.

Mo., St. Louis — FACTORY, WAREHOUSE and OFFICE—N. O. Nelson Mfg. Co., 928 Chestnut St., soon takes bids 2 story, basement, rein.-con., brick, Duncan and Boyle Aves. $300,000. P. J. Bradshaw, 718 Locust St., archt.

Mo., Piedmont — POWER PLANT — Arkansas-Missouri Power Co., J. S. Painter, local mgr., soon takes bids 56 x 56 ft., steel, granite addition, incl. 120 hp. Fairbanks, Morse & Co. oil type engine. Private plans.

Tex., Brady—POWDERED MILK FACTORY—Stock Co., c/o W. D. Crothers, chn., Brady, powdered milk factory, 120,000 lb. per day capacity. $275,000 incl. machinery. Private plans.

Tex., Gilmer — CREAMERY PLANT — Dixie Creameries, Inc., 2419 Southern St., Shreveport, La., creamery and cheese plant, $50,000. Private plans.

Tex., San Antonio—SUB-STATION—San Antonio Pub. Serv. Co., 201 North St. Marys St., large sub-station 10 mi. north of here. $100,000. Terrell Bartlett Engineers, Calcasieu Bldg., engrs.

Tex., Weslaco—COTTON MILL—T. E. Carpenter cotton mill, $75,000. Private plans.

Tex., Wharton — COTTONSEED OIL MILL—Farmers Gin Co., Georgetown, electrically equipped cottonseed oil mill, near here. $70,000. Private plans.

Okla., Clinton—BRICK PLANT—A. L. Bushong, Pittsburg, Kan., sketches brick plant. $60,000. Private plans.

Okla., Duncan—ICE PLANT—City, preliminary plans 50 ton raw water ice plant. $100,000. H. Sullivan, Lone Wolf, engr.

Okla., Holdenville—BRICK PLANT—J. B. Stamper sketches brick plant. $50,000. Private plans.

Ore., Burns—SAW MILL—Edward Hines Lumber Co., 2531 South Lincoln St., Chicago, Ill., saw mill.

California — SUB-STATIONS — Northwestern Pacific R.R., 64 Pine St., San Francisco, 2 sub-stations, one 1 story, 2,000 hp., Pine St., in Sausalito, other 1 story, 1,335 hp., in Baltimore Park. Private plans.

Calif., Colton—FACTORY—J. H. Miller, California Hotel Bldg., San Bernardino, group rein.-con. buildings, on 16 acre site, 8th St. Colton Building Material & Supply Co., and Colton Furniture Co., lessees.

Calif., Culver City—FACTORY—California Spanish Tile Roofing Co., plans by A. B. Sturges, 4354 West 3rd St., Los Angeles, 1 story, 65 x 156 ft., stucco, Elenda St.

Ont., Niagara Falls—BREWERY—Peninsular Distillery, P. Sandrene, mgr., converting old electric light plant into brewery. $100,000.

Ont., Peterborough—PUNCH PRESS—Canadian General Electric Co., Park St., 1 story, 110 x 328 ft., rein.-con., brick, steel, plain found., Park St. $100,000. Private plans.

Ont., Toronto—AUTO PLANT—Willys-Overland Ltd., Weston Rd., 4 story, basement, 60 x 260 ft., rein.-con., brick, steel addition, plain found., Weston Rd. $150,000. M. J. Steyffert, c/o owners, engr.

Ont., Walkerton—POWER PLANTS—W. B. Foshay Co., 9th St. and 2nd Ave. S., Minneapolis, Minn., improving plants, extending electric power lines into rural sections. $150,000. W. A. Emerson, Walkerton, engr.

Ont., Windsor—FACTORY—Chrysler Motor Corp. of Canada, J. D. Mansfield, pres., new factory.

Bids Desired

N. H., Hanover — GARAGE, SERVICE and REPAIR—Town, Bd. Selectmen, taking bids 2 story, basement, 50 x 90 ft., brick, plain found. $50,000. Wells & Hudson, Hanover, archts.

Mass., Andover — POWER HOUSE — Phillips Andover Academy, J. H. Buttimer, supt. Buildings, taking bids 1 story, basement, 80 x 85 ft., brick, rein.-con., plain found., Academy grounds. $40,000. R. D. Kimball Co., 6 Beacon St., Boston, archts.

Mass., Quincy (Ind. br. Boston)—MILK PLANT—H. P. Hood & Sons, C. Y. Nourse, in charge, 494 Rutherford Ave., Charlestown, taking bids brick, plain found. $40,000 or more. Private plans.

Mass., Roxbury (sta. Boston)—PLANT—House of Liederman, Inc., 169 Norfolk Ave., taking bids 2 story, rein.-con., brick addition, plain found., Norfolk Ave. $50,000. Silverman & Brown, 51 Cornhill, Boston, archts.

Conn., Middletown—SERVICE—Connecticut Power Co., 335 Main St., taking bids two 2 story, 40 x 50 ft. and 50 x 145 ft., brick, steel wings. $200,000. Davis & Waldorf, 17 Whitney Ave., New Haven, archts.

Conn., New Haven — PUBLISHING PLANT—Sept. 24, by New Haven Register, 88 Crown St., brick, concrete. $150,000. Lockwood, Greene & Co., 100 East 42nd St., New York, archts.

Conn., Stamford—SERVICE GARAGE—Southern New England Telephone Co., 157 Church St., New Haven, taking bids 1 story, 87 x 162 ft., brick, steel, concrete, Jefferson St. $60,000. R. W. Foote, 185 Church St., New Haven, archt.

N. Y., Brooklyn—FACTORY—See "Contracts Awarded."

N. Y., New York — ICE HOUSE and GARAGE — See "Contracts Awarded."

N. Y., New York — MANUFACTURING LOFT — B. H. Whinston, archt., 6 East 46th St., taking bids general contract 14 story 50 x 98 ft. manufacturing loft, 353 West 37th St., for Bertjun Holding Corp., J. Kein, pres., 493 East 173rd St. $350,000. Noted Aug. 30.

N. Y., New York—SERVICE GARAGE—See "Contracts Awarded."

N. Y., Tonawanda—FACTORIES—Curtiss Aeroplane & Motor Co., 74 Kail St., Buffalo, bids about Oct. 1, 3 story, 60 x 200 ft., 1 story 200 x 1,500 ft., 200 x 200 ft. factories, 60 x 100 ft. garage, brick, steel. $1,000,000.

N. J., Asbury Park—MILK DISTRIBUTING PLANT—W. E. Lehman, archt., 972 Broad St., Newark, bids about Oct. 15, general contract 1 story, basement, 65 x 70 ft., brick, steel, plain found., Drummond Ave., for Alderney Diary Co., 26 Bridge St., Newark. $40,000. Noted Sept. 13.

N. J., Belvidere — DYE HOUSE and POWER PLANT — Sunbury Converting Wks., Sunbury, Pa., bids about Oct. 1, general contract 1 story, basement, brick, steel, plain found. $75,000. W. Dyer, Land Title Bldg., Phila., Pa., archt. Noted July 19.

N. J., Jersey City—BOILER HOUSE—See "Contracts Awarded."

N. J., Jersey City — FACTORY — J. T. Rowland, archt., 30 Journal Sq., taking bids general contract 2 story, basement, 35 x 132 ft., brick, steel, Johnson Ave., for C. Mundt & Sons, 53 Fairmount Ave. Est. $40,000.

N. J., Paterson—DYEING and FINISHING PLANT—See "Contracts Awarded."

N. J., Perth Amboy — FACTORY — D. Goldsmith, 128 Kearny Ave., taking bids general contract altering and constructing 2 story, 60 x 75 ft., brick, steel addition, plain found., East Ave. $40,000. Former bids rejected. G. M. Ricci, 224 Smith St., archt. Noted Sept. 6.

Md., Baltimore—SERVICE STATION—Sept. 26, by International Harvester Co., 81 Mosher St., 1 story, mezzanine, 125 x 260 ft., rein.-con., brick, steel, 25th St. near Kirk St. Noted June 21. W. D. Price, 606 South Michigan Ave., Chicago, Ill., supt. construction.

Ia., Dubuque — WAREHOUSE — C. I. Krajewski, archt., 730 Main St., bids about Oct. 1, 3 story, basement, 80 x 137 ft., brick, stone addition, plain found., for Metz Mfg. Co., 17th and Elm Sts. $60,000.

Wash., Tacoma—POWER HOUSE—See "Unclassified."

Tex., Lefors—BOOSTER PLANT—Texas Pipe Line Co. (Subsidiary Texas Corp., 17 Battery Pl., New York), taking bids for booster plant for use 160 mi. new line (now under construction). $100,000.

Tex., Port Aransas—CRACKING PLANT, etc.—See "Contracts Awarded."

Contracts Awarded

Mass., New Bedford — MANUFACTURING — Continental Wood Screw Co., P. Sweeney, Mt. Pleasant St., 2 story, basement, 60 x 100 ft., brick, steel addition, plain found., to W. Young, Union St. Est. $50,000. Noted Sept. 20.

Mass., Springfield—SERVICE and REPAIR GARAGE — J. C. Robinson, 1387 Main St., 1 story, 80 x 200 ft., brick, plain found., Memorial Ave., to F. T. Ley & Co., Inc., 1215 Main St. Est. $40,000.

Conn., Berlin — MANUFACTURING — Goss & Deleeuw Machine Co., 1 story, 100 x 175 ft., brick, steel addition, plain found., to Aberthaw Co., 80 Federal St., Boston, Mass. Est. exceeds $40,000.

Conn., Bridgeport—PLANT—Bridgeport Hdw. Mfg. Co., 461 Iranistan St., 2 story, basement, brick, rein.-con., Washburn St., to S. W. Hubbell Building Co., 589 Knowlton St. $40,000. Noted Sept. 6.

Conn., New Haven—POWER SUB-STATION—United Illuminating Co., Temple St., 1 story, 30 x 80 ft., brick, steel, concrete, Goffe St., to B. N. Blatchley, 902 Chapel St. $40,000 or more.

N. Y., Brooklyn—FACTORY—Newbrook Building Corp., R. Cantor, pres., 195 Jefferson Ave., 4 story, 75 x 100 ft., factory, West 9th and Roebling Sts., separate contracts. $100,000. M. Klein, 65 Court St., archt.

N. Y., New York—ELECTRIC POWER PLANT—New York Edison Co., 130 East 15th St., general contract electric power plant addition, 701 East 14th St., to Ken Well Constr. Co., 45 East 17th St. Total Est. $1,850,000. Noted Aug. 30.

N. Y., New York — ICE HOUSE and GARAGE — A. J. Schwarzler, 369 East 167th St., 3 and 4 story, 135 x 138 ft., concrete, Devoe and 174th Sts., separate contracts. $150,000. C. Schaefer, 332 East 149th St., archt.

N. Y., New York—SERVICE GARAGE—Arespee Realty Corp., 151 West 42nd St., H. Perlman, pres., 1 story, 91 x 125 ft., brick, Westchester and Pugsley Aves., day labor. $50,000.

N. Y., Queens (Ind. br. Jamaica) — BAKERY — H. Holder, archt., 242 Franklin Ave., Brooklyn, general contract 1 and 2 story, 200 x 260 ft., brick, steel, rein.-con. addition, to Willcox Constr. Co., 1 Bridge Plaza, Long Island City, for Dugan Bros., Inc., 288 5th St., Brooklyn. Est. $300,000. Noted Aug. 30.

N. J., Jersey City—BOILER HOUSE—Amer. Can Co., 120 Bway., New York, 2 story, basement, 90 x 98 ft., rein.-con., brick, steel, plain found., 315 St. Pauls Ave., separate contracts. $50,000. Private plans.

N. J., Paterson—DYEING and FINISHING PLANT—Columbia Piece Dye Wks., 182 Sheridan Ave., 2 story, basement, brick, steel, rein.-con., plain found., 174 Sheridan Ave., separate contracts. $40,000. J. Van Vlandran, 140 Market St., archt.

N. J., Perth Amboy — TILE PLANT — American Encaustic Tiling Co., Mauer, general contract 2 story, 60 x 100 ft., rein.-con., brick, concrete pile found., State St., to Austin Co., 120 Bway., New York, N. Y. Est. $40,000.

O., Akron—WAREHOUSE—B. F. Goodrich Co., South Main St., 9 story, basement, 148 x 260 ft., concrete, steel, brick, to Carmichael Constr. Co., Central Savings & Trust Bldg., $1,000,000.

O., Alliance — FACTORY — Transue-Williams Steel Forgings Corp., 1 and 2 story, brick, steel addition, to H. K. Ferguson Co., Hanna Bldg., Cleveland. Est. $100,000.

O., Cincinnati — FACTORY — Bruckman Co., Ludlow Ave., 2 story, basement, rein.-con., plain found., Streng St., to D. Meinken & Son, 2143 Barnard St., $57,000.

O., Painesville—POWER HOUSE—City, R. M. Evans, city mgr., 1 story, 40 x 46 ft., brick, steel power house for light plant, to Mitzel Co., B. F. Keith Bldg., Cleveland. Est. $40,000. Noted Aug. 2.

Ind., South Bend — FACTORY — Dodge Mfg. Co., steel contract 1 story, 99 x 200 ft., rein.-con., brick, steel, South Union St., to Indiana Bridge Co., Muncie. Est. $46,000.

Ind., South Bend—FACTORIES—Studebaker Corp., general contract 2 story, basement, 307 x 427 ft. machine shop, Sample St., and 1 story foreign depot, brick, steel to R. Sollitt & Sons, 518 Sample St. Est. $270,000 and $45,000 respectively.

Mich., Detroit—GASKET FACTORY—C. W. Brandt, archt., 2111 Woodward Ave., 1 story, part basement, 116 x 200 ft., concrete, brick, steel, plain found., to J. H. Reidinger Co., 6537 Russell St., for Detroit Gasket Co., 6209 Hamilton Ave. Est. $80,000.

Mich., Detroit — GYPSUM PLANT — U. S. Gypsum Co., 1418 Penobscot Bldg., 1 and 2 story, rein.-con., steel, plain found., Davison Ave. and River Rouge St., to M. C. Tuttle, 31 St. James Ave., Boston, Mass. Noted Aug. 16.

Mich., Flint—MACHINE SHOP—Chevrolet Motor Co., Genl. Motors Bldg., Detroit, 1 story, 205 x 315 ft., rein.-con., brick, steel, plain found., to H. G. Christman, Porter Apts. Noted Sept. 6.

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Buildings—Industrial (Continued)

Mich., Kalamazoo—POWER PLANT—Kalamazoo Stationery Co., Harrison St., 1 story, basement, 50 x 50 ft., rein.-con., brick, steel, plain found., Taylor St., to O. F. Miller Co., 224 Pratt Bldg. Est. $50,000.

Mich., Lansing — ENAMELING PLANT — Olds Motor Wks., Division St., 1 story, 40 x 200 ft., rein.-con., brick, steel, plain found., Division St., to Reniger Constr. Co., 127 North Cedar St. Est. $50,000.

Ill., Canton—PLANT—International Harvester Co., H. W. Bland, plant engr., two 1 story, steel additions to grinding building, steel storage and steel shearing department, to H. K. Ferguson Co., Hanna Bldg., Cleveland. Est. $100,000.

Ill., Chicago — FACTORY — S. Oppenheimer Co., 2700 South Wabash Ave., 1 story, basement, 125 x 155 ft. factory, Root St. and Lowe Ave., to Regan Constr. Co., 228 North La Salle St., $150,000.

Ill., Chicago — PRINTING — A. S. Alschuler, archt., 28 East Jackson Blvd., masonry and carpentry contract 6 story, basement, 90 x 350 ft., rein.-con., brick, to G. L. Arquette, 180 North Michigan Ave., for Cuneo Press, West 22nd and Grove Sts. Noted May 30.

Wis., Milwaukee — DRY CLEANING PLANT—M. Goldberg, 702 Lincoln Ave., 1 and 2 story, basement, 25 x 140 ft., and 25 x 25 ft., brick, plain found., Clinton St., to J. Steingert, 876 17th St. Est. $50,000.

Kan., Hutchinson—CLEANING PLANT—L. Lewis, 2 story, basement, 66 x 165 ft., rein.-con., brick, stone, to J. H. Shears & Son, 15 Hoke Bldg., Hutchinson, $53,000.

Kan., Wichita—PACKING PLANT—F. Dold & Sons Packing Co., 21st and Lawrence Sts., 1 story, basement, 100 x 180 ft., rein.-con., brick, 21st and Topeka Sts., to Siedhoff Constr. Co., Broadview Hotel Bldg. Est. $125,000. Noted July 26.

Mo., St. Louis — MANUFACTURING PLANT—Chandeysson Electric Co., 4092 Bingham Ave., 1 story, basement, rein.-con. addition, 10,000 sq.ft. floor space, Bingham Ave., to Widmer Eng. Co., 201 Roosevelt Bldg., $65,000.

Tex., Brownsville—PACKING PLANT—Texas Packing Co., 50 x 100 ft., citrus packing plant, stucco, corrugated iron $40,000. Owner builds. Private plans.

Tex., Port Aransas—CRACKING PLANT etc.—Humble Oil & Refinery Co., Aransas Pass, cracking (gasoline) plant $1,000,000, and 3 new stills $400,000, own forces. Private plans.

Tex., San Antonio—GARAGE—Smith Bros. Properties, Inc., 117 Villita St., general contract probably 7 story, 90 x 100 ft., rein.-con., steel, plain found., Bowens Island, Villita St. and Dwyer Ave., to McKenzie Constr. Co., Travis Bldg. Est. $350,000-$400,000.

Okla., Allen—OIL REFINERY—Howokla Oil Co., oil refinery, to Graver Corp., 4809 Todd Ave., East Chicago, Ind., $125,000.

Ont., Hamilton—FACTORY—Firth Bros. Ltd., 144 James St. N., 4 story, basement, 85 x 150 ft., rein.-con., brick, steel, to J. Poag, 9 Westinghouse Ave., $100,000. Noted Aug. 23.

Ont., Hamilton—FACTORY—J. M. Moore & Co., archts., 489 Richmond St., London, 2 story, basement, brick, steel, Dundurn St., to Frid Constr. Co., 17 Main St. E., for Natl. Hosiery Mills. Est. $70,000. Noted Aug. 23.

Ont., Toronto—FACTORY—Service Station Equipment Co., 510 King St. E., excavation for 1 story, part basement, 100 x 400 ft., rein.-con., brick, steel, plain found., to Orsini & Co., 3 Ellsworth Ave.; concrete, to Summerville Constr. Co., 2080 Danforth Ave.; roofing and sheet metal, to Canadian Rogers Sheet Metal & Roofing Co., 918 Palmerston Blvd. Est. $200,000. Noted July 12.

Ont., Toronto—FABRICATING SHOP—Dominion Bridge Co. Ltd., Redford Bldg., general contract 1 story, rein.-con., brick, steel addition, plain found., to Dickie Constr. Co., 17 Yorkville Ave. Est. $150,000. Noted July 12.

Buildings—Commercial

Proposed Work

Mass., Everett—HOSPITAL—City, J. A. Roche, mayor, City Hall, 2 or 3 story, basement, brick addition, plain found., Lawrence St. $150,000. Engineer and architect not selected.

Mass., Great Barrington—HOTEL—O. F. Hall, soon lets contract altering and constructing 4 story, basement, 50 x 125 ft., and 30 x 70 ft., rein.-con., brick, addition, plain found., Main St. Est. $150,000 or more. Private plans. Noted Aug. 16.

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Mass., Worcester — APARTMENT and STORE — E. Rosenthal, c/o Berenson & Moses, archts., 252 Asylum St., Hartford, Conn., 4 story, 50 x 100 ft., brick, steel, Washington and Franklin Sts. $150,000.

Conn., Hartford — STORE — Schulte United, Inc., 485-5th Ave., New York, 4 or 5 story, 82 x 110 ft., brick, steel, terra cotta, Main and Asylum Sts. To exceed $150,000. Private plans.

N. Y., Albany—DEPARTMENT STORE—Schulte-United, Inc., 485 5th Ave., department store, 25 North Pearl St. $500,000. Private plans.

N. Y., Albany—DISTRIBUTION CENTER—Montgomery Ward & Co., Chicago Ave. and Larr St., 8 story distribution center, 750,000 sq.ft. floor space, on 23 acre site, Menanda.

N. Y., Astoria (sta. Long Island City)—APARTMENTS—Merchant Constr. Corp., 3504 31st Ave., plans by M. Margolin, 105 Court St., Brooklyn, eight 6 story, brick, timber, 24th Ave. and Crescent St. $200,000.

N. Y., Brooklyn — APARTMENT — Caumat Constr. Co., L. Shadorofsky, pres., 1553 Elsmore Pl., plans by Cohn Bros., 361 Stone Ave., 99 x 120 ft., brick, steel, East 46th St. and Church St. $225,000.

N. Y., Brooklyn—APARTMENT—Harry Koeppel Corp., 26 Court St., plans by Malkind & Weinstein, 93 Court St., 6 story, 95 x 103 ft., brick, timber, East 13th and Locust Sts. $150,000.

N. Y., Brooklyn — APARTMENTS — Modern Six Family Corp., 1054 Eastern Parkway, plans by A. Adams, 1222 70th St., ten 3 story, 75 x 82 ft., brick, steel, Willoughby and Cypress Aves. $150,000.

N. Y., Brooklyn—APARTMENT—Radelmore Realty Corp., M. L. Levine, pres., 32 Court St., plans by Cohn Bros., 361 Stone Ave., 6 story, 120 x 173 ft., brick, steel, Bay Parkway and Benson Ave. $400,000.

N. Y., Brooklyn—APARTMENT—Roche & Cardis, 1586 Flatbush Ave., plans by R. T. Schaefer, 1543 Flatbush Ave., brick, timber, East 67th St. and Ave. T. $190,000.

N. Y., Brooklyn—APARTMENT—Rubin Rockoff, 945 East 10th St., plans by Seelig & Finkelstein, 66 Court St., 4 story, 92 x 160 ft., brick, steel, plain found., Ocean Ave. and Avenue Y. $250,000.

N. Y., Brooklyn—APARTMENT—Three Hundred Forty-Seven 86th St. Corp., J. W. Lake, treas., 9221 3rd Ave., plans by Ricca & Ungarleider, 186 Remsen St., 6 story, 132 x 140 ft., brick, timber, 86th St. and 4th Ave. $400,000.

N. Y., Brooklyn—HOSPITAL—Harlow Realty Corp., I. Bloom, pres., 50 Court St., bids latter part October, 4 story, brick, Kings Highway and East 26th St. $200,000. Noted Aug. 30.

N. Y., Brooklyn—THEATRE—A. L. M. Development Corp., 3145 East 4th St., bids latter part September or October, general contract 1 story, 85 x 200 ft., brick, steel, Avenue M and East 19th St. $350,000. C. A. Sandbloom, 145 West 45th St., New York, archt. Noted Aug. 2.

N. Y., Brooklyn — THEATRE — DeKalb Co., H. Beck, pres., 162 Remsen St., plans by B. Driesler, Jr., 153 Remsen St., 2 story, 120 x 120 ft., brick, steel, Avenue U and Haring St. $500,000.

N. Y., Flushing — APARTMENT — W. Benton, 324 Grand Ave., Astoria, plans by B. Braunstein, 163-18 Jamaica Ave., Jamaica, 6 story, 89 x 120 ft., brick, timber, 150th St. and 32nd Ave. $200,000.

N. Y., Flushing—APARTMENT—Keen Holding Corp., 570 7th Ave., New York, plans by Gronenberg & Leuchtag, 1385 Bway., New York, 6 story, 122 x 176 ft., brick, timber, Sanford Ave. and Jaegar St. $350,000.

N. Y., Jamaica — APARTMENT and STORE—Benens Realty Corp., 26 Court St., Brooklyn, plans by Kavy & Kavovitt, 350 Stone Ave., Brooklyn, 6 story, 130 x 135 ft., brick, timber, Rector St. and Jamiaca Ave. $300,000.

N. Y., Long Island City—APARTMENT—Sagus Realty Corp., 2168 60th St., Brooklyn, plans by A. J. Simberg, 1133 Bway., New York, 6 story, 82 x 100 ft., brick, steel, 44th St. and 47th Ave. $300,000.

N. Y., New York—APARTMENT—Carmine Cioffi, Inc., 1695 Boston Rd., plans by G. W. Swiller, 4215 3rd Ave., 5 story, 95 x 105 ft., brick, timber, Lyvere and Tremont Aves. $150,000.

N. Y., New York—APARTMENT—Fifty-Five Avenue A Corp., S. Agoloft, pres., 26 Court St., Brooklyn, plans by Shampan & Shampan, 188 Montague St., Brooklyn, 12 story, 95 x 115 ft., brick, 87 Avenue A. $900,000.

N. Y., New York—APARTMENT—Garlock Realty Corp., S. Gordon, pres., 56 West 45th St., plans by C. B. Meyers, 31 Union Sq., apartment, Buhre and Parkview Aves. $200,000.

N. Y., New York — APARTMENT — Gomart Builders, Inc., M. Lowenthal, [illegible] 43 West Mt. Eden Ave., plans by L. Stillman, 2419 Webster Ave., 6 story, 103 [illegible] ft., brick, steel, Powell and Pugsley Aves. $400,000.

N. Y., New York — APARTMENT — Hildorn Realty Corp., M. Fein, pres., 1026 East 179th St., plans by Lang & Rosenberg, 1440 Bway., 6 story, 100 x 150 ft., brick, timber, Watson and Boynton Aves. $3[illegible],000.

N. Y., New York—APARTMENT—Minsam Realty Corp., C. W. Mack, pres., 255 Avon Ave., plans b L. Pisciotta, 1912 Arthur Ave., 6 story, 100 x 175 ft., brick, timber, 174th St. and Stratford Ave. $300,000.

N. Y., New York — APARTMENT — Thwartes Place, Inc., C. Singer, pres., 1383 Macombs Rd., 6 story, 130 x 131 ft., brick, timber, Barker Ave. and Pelham Parkway. $400,000. Cohn & Siegel, 45 West 75th St., archts. Noted Sept. 6.

N. Y., New York—APARTMENT—Up-to-date Development Corp., 2030 Watson Ave., plans by Springsteen & Goldhammer, 40 East 49th St., 6 story, 82 x 125 ft., brick, timber, Hobart St. and Westchester Ave. $200,000.

N. Y., New York — STORAGE and APARTMENTS—One Hundred Eighty-Two Corp., W. Guthman, pres., 119 West 40th St., plans by E. Roth, 1440 Bway., 10 story, brick, steel storage and apartment, 215 East 73rd St., and 10 story apartment, 215 East 73rd St. $400,000 each.

N. Y., New York—STORE and APARTMENT—UP-to-Date Development Co., 2030 Walton Ave., 6 story, 82 x 125 ft., brick, timber, separate contracts. $200,000. Springsteein & Goldhammer, 40 East 49th St., archts. Noted Sept. 6.

N. Y., New York—STORE and APARTMENT—See "Contracts Awarded."

N. Y., New York—STORE and OFFICE—J. P. Friedhof, Elizabeth, N. J., bids after Jan. 1, general contract 8 story store and office building, Tremont and 3rd Aves. $200,000. A. J. Gette, 247 Madison Ave., archt. Noted Aug. 23.

N. Y., New York—STORE and OFFICE—Plaza Trust Co., A. Stewart, pres., 655 5th Ave., plans by Helmle, Corbett & Harrison, 130 West 42nd St., altering 8 story, 50 x 115 ft., brick, steel, 655 5th Ave. $250,000.

N. Y, New York—STORE and OFFICE—F. Lee & L. Realty Corp., 145 West 34th St., bids latter part November, general contract 22 story, 152 Madison Ave. $450,000. H. Oser, 1440 Bway., archt. Noted Sept. 6.

N. J., Elizabeth—Y.W.C.A., E. N. Reanshaw, chn., 614 Park Ave., sketches by Poggi & Bragdon, 275 Morris Ave., 3 story, basement, brick, steel, plain found., Madison Ave. $150,000.

N. J., Hasbrouck Heights (Ind. br. Hackensack)—APARTMENT—J. R. Cathcart, Passaic Ave., plans by O. J. Gette, 274 Madison Ave., New York, 5 story, basement, brick, steel, plain found., Henry St., Passaic and Terrace Aves. $200,000. Noted Sept. 6.

N. J., Irvington (br. Newark)—STORE and OFFICE—J. Gold, 1003 Springfield Ave., soon lets general contract 2 story, basement, 140 x 150 ft., brick, steel, plain found., Union and Clinton Aves. $150,000. P. Mertons, 2 Union Ave., archt. Noted May 31.

N. J., Jersey City — APARTMENT — Geshonowitz Bros., 171 Manhattan Ave., brick, steel, plain found., 1853-59 Hudson Blvd. $150,000.

N. J., Jersey City—APARTMENT—H. Goldowsky, 23 Warner Ave., plans by M. Kraut, 3010 Hudson Blvd., 5 story, basement, brick, steel, plain found., Jewett Ave. $250,000.

N. J., Newark—HOTEL—Ace Constr. Co., c/o Simpson & Rolston, archts., 45 Walnut St., 10 story, basement, 50 x 85 ft., brick, steel, plain found., 240 Mount Prospect Ave. $175,000.

N. J., Newark—HOTEL—A. Giacomelli, 139 Pennington St., rejected bids 12 story, basement, brick, steel, plain found., Pennington St. $350,000. N. Harris, 20 Branford Pl., archt. Noted July 12.

N. J., Newark—OFFICE—American Insurance Co., 70 Park Pl., plans by J. H. and W. C. Ely, 605 Broad St., 10 story, basement, brick, steel, plain found. $500,000. Noted Aug. 9.

N. J., Orange—APARTMENT—H. C. Cassim, c/o A. P. Nucciarone, archt., 206 Central Ave., sketches 5 story, basement, 145 x 200 ft., brick, steel, plain found., 280 Central Ave. $175,000.

N. J., Paterson—HALL of RECORDS and JAIL—Bd. Freeholders Passaic Co., Court House, revised plans by H. B. Crosby, 125 Ellison St., 8 story, 175 x 200 ft. brick, steel, plain found., Grand and Spring Sts. $500,000. Noted July 12.

Buildings—Commercial (Continued)

N. J., West New York—APARTMENT—N. Speranza & G. Betti, 722 Jackson St., 5 story, basement, brick, steel, plain found., 152-60 16th St. $150,000.

N. J., Woodbridge—APARTMENT—C. H. Reis, Inc., c/o P. J. Jossier, archt., 240 Broad Ave., Palisades Park, 3 story, basement, brick, steel, plain found., Valley and Sussex Rds. $150,000.

Pa., Melrose Park (mail Oak Lane Station)—APARTMENT—Thalheimer & Weitz, archts., 10 South 18th St., Phila., soon lets contract 4 story, basement, 90 x 200 ft., brick, steel, plain found., for J. M. Lindberg, 2622 East Allegheny St., Phila. $400,000.

Pa., Phila.—STORE and OFFICE—R. E. White, archt., Penna Bldg., soon lets contract 2 story, basement, 100 x 225 ft., rein.-con., brick, steel, plain found., 21st and Chestnut Sts., for E. M. Harris, Mutual Trust Bldg. $400,000.

Pa., Rochester — THEATRE — Majestic Amusement Co., c/o W. E. Snaman, archt., Empire Bldg., Pittsburgh, soon takes bids 2 story, brick, steel, Hinds St. $500,000.

D. C., Wash.—HOTEL—Owner, c/o M. B. Lepley, archt., 1010 Vermont Ave., 1,000 room hotel, Penn. Ave. and 6th St. N. W. $6,000,000.

D. C., Wash.—HOTEL—Pierson & Wilson, archts., Hill Bldg., bids latter part September, general contract hotel, E St. N. W., for Bellview Co., Inc., 1010 Vermont Ave. $800,000. Noted Aug. 2.

D. C., Wash.—HOTEL—Salvation Army, 607 E St., N.W., plans by C. L. Harding, Insurance Bldg., headquarters and hotel, 6th and E Sts. N.W. $500,000.

Fla., Ft. Lauderdale — HOTEL and STORE—Ft. Lauderdale Hotel Co., soon lets contract 5 and 6 story, tower, rein.-con. $550,000. W. A. Bennett, Real Estate Bldg., Miami, archt.

La., Houma—THEATRE, HOTEL and STORE—S. Schurto soon takes bids 2 story, basement, 117 x 237 ft., rein.-con., brick, stone. $250,000. Lockett & Chachere, Balter Bldg., New Orleans, archts.

Ky., Louisville—APARTMENT—L. Jacobson & Son Co., 444 South 5th St., apartment, on 229 x 509 ft. site, Brownboro Rd. and Pipe-line Lane. To exceed $600,000. Engineer and architect not selected.

Ky., Louisville—HOSPITAL—A. Loomis, archt., Todd Bldg., soon lets contract 3 and 4 story, 37 x 90 ft., brick, timber, Floyd and Kentucky Sts., for Jewish Hospital Assn., Floyd and Kentucky Sts. $150,000. Noted July 26.

O., Cincinnati—APARTMENT—J. S. Adkins, archt., 15 East 8th St., soon lets contract 8 story, basement, rein.-con., brick, plain found., Hackberry St., for Riverview Apartments, Inc., 900 Neave Bldg. $650,000.

O., Cleveland—STORE—Bing Furniture Co., J. M. Halle, vice pres., 522 Prospect Ave., sketches by Lehman-Schmitt Co., Hunkin-Conkey Bldg., 8 story, basement, brick, steel, concrete, 510 Prospect Ave. $350,000.

O., Cleveland — WAREHOUSE — W. S. Tyler Co., 3600 Superior Ave., soon lets contract 5 and 7 story, 66 x 97 x 125 ft., brick, rein.-con. addition, East 36th St. $350,000. G. S. Rider Co., Century Bldg., archt.

O., Mt. Healthy — EXCHANGE — Cincinnati & Suburban Telephone Co., 4th St., plans by H. Hake, 2400 Gilbert Ave., 2 story, basement, 101 x 153 ft., rein.-con., brick, plain found., Hamilton Pk. $150,000.

Ind., Madison—HOTEL—G. L. Denny plans by Henkel & Hanson, Connersville, rein.-con., brick, steel hotel. $150,000.

Mich., Battle Creek—THEATRE—W. S. Butterfield Theatres, Inc., 159 East Columbia St., Detroit, plans by J. Eberson, 212 Superior St., Chicago, Ill., 12 story, basement, rein.-con., brick, steel, plain found., West Main St. $500,000.

Mich., Pontiac—DETENTION HOME—Bd. Auditors Oakland Co., County Bldg., plans by L. J. Heenan, 43½ Pike St., 2 story, basement, rein.-con., brick, steel, plain found. $150,000.

Ill., Aurora — STORE and OFFICE — Graven & Mayger, archts., 180 North Michigan Ave., soon lets contract 2 story, basement, 100 x 180 ft., brick, plain found., for J. Sherer. $150,000.

Ill., Chicago — THEATRE, STORE and APARTMENT — Syndicate, c/o M. J. Schmidt, 3722 Southport Ave., and L. I. Simon, 179 West Washington St., plans by F. Steinborn, 179 West Washington St., 3 story, 200 ft. front, 3713-31 Southport Ave. $900,000.

Ill., Chicago—WAREHOUSE—John Sexton Co., 352 West Illinois St., plans by A. S. Alschuler, 28 East Jackson Blvd., 6 story, basement, rein.-con., brick, Illinois and Orleans Sts.

Wis., Milwaukee — STORE, BANK and OFFICE—Franklin Building Co., 85 East Wells St., plans by E. R. Liebert, 49 East Wells St., 5 story, basement, 60 x 144 ft., brick, steel, 11th and Wells Sts. $300,000.

Minn., Fergus Falls—HOSPITAL—State Bd. Control, St. Paul, plans by C. H. Johnston, 715,360 Robert St., St. Paul, 2 story, basement, rein.-con., brick receiving hospital for insane. $150,000.

Minn., Minneapolis — HOSPITAL — St. Barnabas Hospital, C. E. Purdy, secy., 1123 Metropolitan Life Bldg., plans by Magney & Tusler, 104 South 9th St., 4 story, basement, rein.-con., brick, stone, 7th St. between 9th and 10th Aves. $400,000.

Kan., Abilene — DEPOT — Union Pacific R.R., 1410 Dodge St., Omaha, Neb., H. C. Mann, ch. engr., soon takes bids 1 story, basement, 32 x 185 ft. passenger depot, 1 story, basement, 30 x 164 ft. freight depot, brick, hollow tile. $150,000.

Kan., Salina—OFFICE—United Life Insurance Co. plans by C. W. Shaver, 147½ Santa Fe St., 7 story, basement, 48 x 120 ft., rein.-con., brick, terra cotta. $225,000.

Mo., Clayton—OFFICE—Western States Insurance Co., 10 South Central Ave., plans by P. J. Bradshaw, 718 Locust St., St. Louis, 6 or 7 story, basement, rein.-con., brick, stone, Central and Carondelet Aves. $150,000 or more. Noted Mar. 22.

Mo., St. Louis — APARTMENT — A. H. Winklemeyer, 2602 South Grand Blvd., postponed indefinitely bids 7 story, basement, 90 x 100 ft., rein.-con., brick, terra cotta, Grand Ave. and Sidney St. $350,000. Bowling & Frank, 1198 Arcade Bldg., archts. Noted Aug. 9.

Mo., St. Louis—APARTMENT HOTEL—Ettrick Realty Co., c/o A. B. Ridington, archt., 818 Olive St., sketches 12 story, basement, 112 x 150 ft., rein.-con., brick, steel, stone, terra cotta, 718-28 North Kingshighway.

Mo., St. Louis—COMMERCIAL—E. Riley, c/o F. R. Harris Realty Co., 200 North 4th St., plans by Mauran, Russell & Crowell, 1620 Chemical Bldg., 5 story, basement, 25 x 127 ft., rein.-con., brick, terra cotta, 409 North Bway.

Mo., St. Louis—HOTEL and BUS TERMINAL—Manske & Bartling, archts., 419 North Euclid Ave., indefinitely postponed taking bids 5 story, basement, rein.-con., brick, stone, terra cotta, Olive St. west of 18th St., for C. E. Lane, 1700 Morgan St. $300,000. Noted Aug. 2.

Mo., St. Louis—OFFICE—Arlington Investment Co., c/o Manske & Bartling, archts., 410 North Euclid Ave., postponed taking bids 15 story, basement, 19 x 106 ft., rein.-con., brick, stone, steel, terra cotta, 14th and Clive Sts. $750,000. Noted Aug. 16.

Ark., Eldorado—THEATRE—E. M. Kolben, archt., Exch. Bldg., soon takes bids 2 story, 65 x 160 ft., rein.-con., brick, stone, terra cotta, Cedar and Jefferson Sts., for McWilliams Family, owner, and Arkansas Amusement Enterprises, M. A. Lightman, mgr., c/o architect. $150,000.

Ark., Ft. Smith—HOTEL—O. Griffith, et al., c/o M. Boulicault, archt., 1101 Ambassador Bldg., St. Louis, Mo., sketches 11 story, basement, 70 x 150 ft., rein.-con., brick, terra cotta, incl. convention hall, ballroom, coffee shops, toggery, Garrison Ave. and 6th St. $600,000.

Tex., Alamo Heights—APARTMENT—C. Buerkle & Associates, c/o G. Willis, archt., Builders Exch. Bldg., San Antonio, 7 story, basement, roof garden, 32,000 sq.ft. floor space, brick, stone, tile, rein.-con., Argyle and Encino Aves. $350,000.

Tex., Corpus Christi—HOTEL—M. M. Parker, A. H. Jones, and F. E. Jones, 5131 Euclid St., Kansas City, Mo., large tourist hotel, on Padre Island, near here. $150,000. Private plans.

Tex., El Paso — MEDICAL ARTS and GARAGE — C. N. Bassett & State Natl. Bank Building, bids about Sept. 14, 12 story, basement, 50 x 120 ft., brick, rein.-con. medical arts building and 3 story garage plain founds., Texas and Stanton Sts., $500,000. Trost & Trost, Two Republics Bldgs., archts. Noted Aug. 30.

Tex., Galveston — HOSPITAL — Sealy & Smith Foundation, 816 B St., plans by R. L. White, c/o owner, 5 story, brick, concrete. $500,000.

Okla., Ada—LODGE and OFFICE—A. F. & A. M. Lodge, plans by A. S. Ross, 116½ Main St., 7 story, part basement, 50 x 130 ft., rein.-con., brick, stone, plain found. $200,000.

Okla., Clinton — HOTEL — Calmes & Chandler plans by Hawk & Parr, 1019 1st Natl. Bldg., Oklahoma City, 3 and 7 story, basement, 75 x 140 ft., brick, steel. $210,000.

Okla., Oklahoma City—HOTEL—W. B. Skirvin & Co., Skirvin Hotel, 2 story, basement, 75 x 140 ft., brick, rein.-con., stone addition, plain found. $200,000. Engineer and architect not selected.

Okla., Tulsa—Y.M.C.A., C. E. Buckner, secy. and C. C. Cole, chn. Building Com., 4th and Cincinnati Sts., plans by Rush, Endicott & Rush, 404 Wright Bldg., 10 story, basement, 50 x 140 ft., brick, stone addition, plain found. $550,000.

Colo., Pueblo—STORE and OFFICE—Midland Savings & Loan Co., Midland Savings Bldg., Denver, store and office building, North Main St. $250,000.

Calif., Long Beach—HOSPITAL and CLINIC—W. Harriman Jones, 131 Pine St., 100 x 150 ft., rein.-con., Bway. and Cherry Ave. $350,000. Engineer and architect not selected.

Calif., Los Angeles—APARTMENT—H. H. Belden, c/o J. M. Cooper, archt., Rives-Strong Bldg., 13 story, basement, 100 x 200 ft., Class "A" incl. 65 car garage in basement, Cherokee Ave. $500,000 or more.

Calif., Los Angeles—APARTMENTS—N. A. Leech, 4452 Price St., 27 story, basement, 90 x 150 ft., Sunset Blvd. $1,500,000. Private plans.

Calif., Los Angeles — APARTMENT — Owner, c/o L. L. Jones, archt., 2504 West 7th St., 5 story, 70 x 115 ft., rein.-con., 9th and Union Sts. $250,000.

Calif., Los Angeles—THEATRE, STORE, etc.—R. E. Callahan, dir. Romona Village, plans by Meyer & Holler, 315 Wright & Callender Bldg., rein.-con., theatre, store, dwellings, Washington Blvd. and Thurman St. $500,000.

Calif., San Diego — HOTEL-APARTMENT—J. E. Collumb, c/o Walker & Eisen, archts., Western Pacific Bldg., Los Angeles, 12 story, basement hotel apartment. $1,500,000.

Calif., San Diego — THEATRE and STORE—Gildred Bros. plans by Weeks & Day, Financial Center Bldg., San Francisco, 2 story, rein.-con., steel, A, D, 7th and 8th Sts. $750,000. West Coast Theatres, Inc., 1619 West Washington St., Los Angeles

Calif., San Francisco—APARTMENT—G. Jovick, c/o A. H. Larsen, archt., 447 Sutter Bldg., 8 story, basement, Class "A," Union St. $400,000.

Calif., San Francisco — OFFICE and PRINTING PLANT—San Francisco Stock & Bond Exchange, 341 Montgomery St., purchased Sub-Treasury Building and plans addition to house offices, printing plant, gymnasium, Pine and Sansome Sts. To exceed $150,000.

Calif., Santa Monica — APARTMENT — Rivere Apartment Co. plans by E. J. Baune, Natl. Bank Bldg., 4 story, 137 x 210 ft., stucco, timber, San Vicente Blvd. $250,000.

Ont., Windsor—HOTEL—Prince Edward Hotel Co., M. Gilbert, mgr., plans by Pennington & Boyde, 1002 Security Bldg., 4 story, brick, steel top addition and large side addition, Ouellette Ave. $1,000,000.

Que., Montreal—Y. M. C. A., plans by Ross & MacDonald, 1 Belmont St., remodeling Central Branch; constructing branch buildings in Notre Dame de Grace and on Stanley St. $1,300,000. J. W. Beaton, genl. secy. Architectural Bureau, Natl. Council, Y. M. C. A., consult. archt.

Bids Desired

Mass., Everett (br. Boston)—APARTMENTS—See "Contracts Awarded."

Mass., Hyde Park (Ind. br. Boston)—STORE and OFFICE — See "Contracts Awarded."

Mass., Melrose (Ind. br. Boston)—HOSPITAL—Melrose Hospital, 585 Lebanon St., taking bids altering and constructing 2 story, basement, 45 x 145 ft., brick addition, plain found. $150,000. Stevens & Lee, 45 Newbury St., Boston, archts. Noted Sept. 6.

Conn., South Norwalk — BANK and STORE—Sept. 28, by People's Trust Co., 79 Washington Ave., 2 story, 80 x 125 ft., brick, limestone, South Main St. $150,000. F. H. Bissell, 157 East 44th St., New York, archt.

Conn., Hartford — THEATRE, STORE and OFFICE — Community Theatre Corp., J. Glassman, 170 Adams St., bids about Sept. 19, 3 story, basement, 65 x 140 ft., brick, stone, steel, plain found., Albany Ave. $200,000. G. H. Matthews, 48 Campfield St., archts.

N. Y., Brooklyn — APARTMENT — See "Contracts Awarded."

N. Y., Brooklyn — STORE and APARTMENT — See "Contracts Awarded."

N. Y., Flushing — APARTMENT — See "Contracts Awarded."

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Buildings—Commercial (Continued)

N. Y., Flushing—APARTMENT—Queens County Homes, Inc., 136-27 Franklin Pl., taking bids on separate contracts apartments, Parsons and Barclay Sts. $150,000. J. Unger, 93 Amity St., archt. Noted Sept. 6

N. Y., Long Island City—APARTMENT—See "Contracts Awarded."

N. Y., Mount Vernon—STORE and OFFICE—C. N. Whinston & Bros., archts., 2 Columbus Circle, New York, taking bids general contract store and office building, North St. and 4th Ave., for C. Lerner & Son, 354 4th Ave., New York. $150,000. Noted Aug. 6.

N. Y., New York—APARTMENT—A. Crisp, Inc., 15 Park Row, bids about Oct. 1, 14 story, apartment, 602 East 84th St. $600,000. G. B. Post & Sons, 101 Park Ave., archts. Noted Mar. 29.

N. Y., New York—APARTMENT—See "Contracts Awarded."

N. Y., New York—APARTMENT—One Hundred Seven West 86th St. Realty Corp., G. Conrad, pres., 250 West 57th St., taking sub-bids 16 story, 80 x 180 ft. apartment, 105 West 86th St. $850,000. J. M. Felson, 250 West 57th St., archt. Noted Aug. 30.

N. Y., New York—APARTMENT—Two Hundred Twenty-Five West 71st Street Corp., A. A. Paterno, pres., 578 Madison Ave., bids about Oct. 1 on separate contracts 16 story, 115 x 158 ft., steel, brick, 681 Amsterdam Ave. $1,300,000. R. Candela, 578 Madison Ave., archt. Noted Sept. 6.

N. Y., New York—HOTEL—See "Contracts Awarded."

N. Y., New York—SEMINARY—S. F. Ross, archt., 101 Park Ave., bids about Oct. 1, seminary for Jewish Theological Seminary of America, 543 West 122nd St. $1,200,000. Noted Aug. 30.

N. Y., New York—STORAGE, LOFT and STORE—Winwore Realty Corp., J. T. Lee, pres., 25 West 43rd St., bids about Jan. 1, general contract 9 story, 723 Lexington Ave. $400,000. L. A. Goldstone, 420 Lexington Ave., archt. Noted Sept. 6.

N. Y., Richmond Hill (Ind. br. Jamaica)—APARTMENT—See "Contracts Awarded."

N. Y., Sunnyside (mail Long Island City)—APARTMENT—See "Contracts Awarded."

N. Y., Woodhaven (Ind. br. Jamaica)—APARTMENT—See "Contracts Awarded."

N. J., Bayonne—CITY HALL—Bd. City Comrs., City Hall, bids about Oct. 1, general contract 4 story, basement, brick, steel, plain found., Avenue C, 27th and 28th Sts. $250,000. P. A. Vivarttas, 10 48th St., Union City, archt. Noted July 12.

N. J., Bloomfield—APARTMENT—See "Contracts Awarded."

N. J., Camden—STORE—Schoneagle Co., 735 Federal St., taking bids 2 story, basement, 135 x 140 ft., brick, steel, plain found., 544-46 Federal St. $150,000. A. F. Evans, 455 7th Ave., New York, archt. W. T. Grant Co., 455 7th Ave., New York, lessee.

N. J., Cliffside Park (mail Cliffside)—APARTMENT—See "Contracts Awarded."

N. J., East Orange—APARTMENT—Kenmore Corp., 9 Clinton St., Newark, taking new bids on separate contracts 4 story, basement, 90 x 100 ft., brick, steel, plain found., 17 South Grove St. $175,000. R. Botelli, 45 Branford Pl., Newark, archt.

N. J., East Orange—APARTMENTS—See "Contracts Awarded."

N. J., Elizabeth—THEATRE and OFFICE—c/o Eugene De Rosa, Inc., archt., 15 West 44th St., New York, bids about Nov. 1, general contract 5 story, basement, 82 x 200 ft. brick, steel, plain found., for B. and L. Theatrical Corp., c/o architects. $500,000. Noted June 7.

N. J., Hasbrouck Heights (Ind. br. Hackensack)—APARTMENT—See "Contracts Awarded."

N. J., Jersey City—APARTMENT—See "Contracts Awarded."

N. J., Madison—APARTMENT—See "Contracts Awarded."

N. J., Newark—APARTMENT—See "Contracts Awarded."

N. J., Newark—APARTMENT—Stadium Realty & Investment Co., c/o N. Harris, 20 Branford Pl., bids about Nov. 1, general contract 8 story, basement, 70 x 125 ft., brick, steel, plain found., 345-53 Bloomfield Ave. $250,000. Noted Sept. 6.

N. J., Newark—GARAGE—G. Jones, archt., 24 Commerce St., bids about Oct. 15, general contract 7 story, basement, 52 x 116 ft., rein.-con., brick, steel, plain found., 65-76 Clinton St., for Clinton Street Garage, Inc., 247 Market St. Noted Aug. 30.

N. J., Newark—HOSPITAL, NURSES HOME and TRAINING SCHOOL—J. H. and W. C. Ely, archts., 605 Broad St., bids about Oct. 1, general contract, altering 3

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story, basement, brick, steel, plain found., High St., for Babies Hospital, 413 Military Park Bldg. $150,000. Noted Apr. 12.

N. J., Newark—HOTEL—See "Contracts Awarded."

N. J., Newark—SHOWROOM and OFFICE—M. J. Nadel, archt., 32 Hill St., bids about Oct. 1, general contract altering and constructing 3 story, basement, 60 x 80 ft., brick, steel addition, 390-98 Halsey St., for Lawrence Motor Car Co., 390 Halsey St. $155,000. Noted Mar. 22.

N. J., Westfield—STORE—J. Anderson, archt., 251 North Broad St., Elizabeth, bids about Oct. 1, general contract 2 story, basement, 100 x 160 ft., rein.-con., brick, steel, plain found., 260 East Broad St. $150,000. Noted Aug. 9.

N. J., West New York—GARAGE—J. Weber, archt., 132 26th St., bids about Oct. 1, general contract 2 story, basement, 100 x 102 ft., rein.-con., brick, steel, plain found, 324 11th St. for B. Gilardoni, 324 11th St., $150,000. Noted June 14.

N. J., Woodbridge—APARTMENT—See "Contracts Awarded."

Pa., Phila.—APARTMENT—Sept. 21, by R. B. Bencker, archt., 13th and Chestnut Sts., 12 story, basement, 79 x 190 ft., rein.-con., brick, steel, plain found., 47th and Pine Sts., for C. E. Seigel, 419 South 46th St. $800,000.

Md., Baltimore—Palmer, Willis & Lamdin, archts., 513 North Charles St., taking bids general contract 2 story, brick Y. M. C. A. building, for John Hopkins University, J. C. Trench, chn. Building Com. Noted Mar. 8.

Ga., Milledgeville—HOSPITAL—Oct. 18, by Bd. Trustees Georgia State Sanitarium, 3 story, basement, rein.-con., brick, steel, plain found. $450,000. Daniell & Bentell, 307 Healy Bldg., Atlanta, archts. Noted June 28.

Miss., Ellisville—INFIRMARY—Sept. 25, by Mississippi State Building Comn., W. C. Trotter, secy., Jackson, rein.-con., brick, stone infirmary, incl. dormitory, service building and laundry. $500,000. C. H. Lindsley, Lamar Life Bldg., Jackson, archt. Noted July 5.

O., Youngstown—APARTMENT—H. C. Goodwin (owner and engr.), 615 Mahoning Bank Bldg., bids about Oct. 11, 3 story, basement, brick, concrete, steel, incl. garage, 5th and Fairgreen Sts. $220,000. B. E. Brooke, Youngstown, archt.

Ill., Chicago—APARTMENT—E. F. Behrns, archt., 605 North Michigan Ave., taking bids on revised plans 6 story, basement, 67½ x 118 ft., rein.-con., brick, stone, 3221 Washington Blvd.

Ill., Chicago—APARTMENT—Koenigsberg & Weisfeld, archts., 155 North Clark St., bids about Sept. 26, 8 story, basement, 58 x 174 ft., rein.-con., brick, terra cotta, plain found., 546-48 Arlington Pl., for S. Clifford & Co., 111 West Washington St. $500,000.

Ill., Chicago—APARTMENT—B. L. Steif & Co., archts., 307 North Michigan Ave., taking bids 20 story, basement, 65 x 116 ft., brick, steel, 4940 East End Ave., for Syndicate. $1,000,000. Noted Aug. 23.

Ill., Evanston—HOSPITAL—H. J. Gaul & Sons, archts., 228 East Superior St., Chicago, bids about Oce. 14, 4 story, basement, 50 x 250 ft., brick. steel, hollow tile addition, 355 Ridge Ave., for St. Francis Hospital, 355 Ridge Ave. $500,000.

Wis., Milwaukee—APARTMENT—Marcus Realty Co., 1369 31st St., taking bids 3 story, basement, 85 x 116 ft., brick, plain found., 26th St. and Capitol. Dr. H. V. Miller, 862 3rd St., archt.

Mo., St. Louis—APARTMENT—Drozda Realty Co., 4006 Chouteau Ave., taking sub-bids 3 story, basement, 135 x 170 ft., rein.-con., brick, terra cotta, cut stone apartment, incl. 15-car garage, Miami and Arkansas Sts. $325,000. F. G. Avis, 1019 Big Bend Blvd., Richmond Heights, archt.

Tex., San Antonio—APARTMENT—Nov. 1, by E. Dittmar Impvt. Co., 505 Howard St., superstructure 8 story, concrete, stone, brick. Total $400,000. Foundation and basement for above, to E. Oeffinger, c/o Builders Exch., $25,000. R. Vander Straten, Travis Bldg., and Herff & Jones, c/o San Antonio Loan & Trust Co. Bldg., archts. Noted Mar. 29.

Ore., Portland—APARTMENT—Oct. 1, by G. E. Reed, 1289 East State St., 3 story, basement, 93 x 119 ft., rein.-con., plain found., 311 East 21st St. $150,000. W. W. Lucas, Lewis Bldg., archt.

Ont., Port Arthur—HOSPITAL—Sept. 27, by W. H. Russell, chn. General Hospital Bd., Ruttan Bldg., 5 story, basement, 100 x 180 ft., concrete, brick, steel, incl. Xray equipment, sterilizers, Algoma St. $400,000. G. Blanchard, Whalen Bldg., archt. Noted Apr. 5.

Bids Received

La., New Orleans—BANK and OFFICE—M. H. Goldstein, archt., Hobernia Bank Bldg., general contract 21 story, limestone, granite, Carondelet St., from G. J. Glover Co., Whitney Bldg., $1,409,975. Noted Aug. 16.

Contracts Awarded

Mass., Everett (br. Boston)—APARTMENTS—J. Miller, 4 Parker St., Malden, two 3 story, basement, 60 x 125 ft., brick, stone, plain founds., Nichols St., separate contracts. Est. exceeds $150,000.

Mass., Fall River—STORE and OFFICE—Burk, Inc., T. F. Burke, 46 North Main St., and D. Shapiro, archt., Globe Bldg., 4 story, basement, brick, steel, rein.-con., North Main and Granite Sts., to Greany & Sherry, Davol St. Est. $150,000. Noted Aug. 24.

Mass., Framington—BANK—Farmers & Mechanics Savings Bank, A. M. Fitts, pres., 1 and 2 story, basement, brick, steel, stone, rein.-con., plain found., Park and Franklin Sts., to P. J. McMahhon, 70 Clinton St. Est. $150,000 or more. Noted Aug. 23.

Mass., Gardner—COURT HOUSE, etc.—City, c/o G. C. Sweeney, 2 story, basement, brick, steel court house and police station, to W. J. Handley Co., 280 Main St., Fitchburg. Est. $150,000. Noted Aug. 9.

Mass., Hyde Park (Ind. br. Boston)—STORE and OFFICE—Willmorey Realty Co., 263 Huntington Ave., Boston, 2 story, basement, 100 x 150 ft., brick, stone, plain found., River St. and Harvard Ave., day labor. Est. $150,000 or more. Schein & Levine, 448 Bway., Chelsea, archts.

Mass., Lexington—MERCANTILE—Rubin & Seligman, 294 Washington St., Boston, 2 story, basement, brick, stone, plain found., on site of Old Town Hall, to Frankini Bros. Co., Inc., 30 Mystic Ave., Medford. Est. $150,000. Noted Aug. 23.

Mass., South Boston (sta. Boston)—STORE and OFFICE—S. Ruggiero, 237 Dorchester St., 5 story, basement, brick, stone, plain found., to Frankini Bros., Co., 30 Mystic Ave., Medford. Est. $150,000. Noted Aug. 2.

Mass., Waltham—HOSPITAL—Commonwealth of Massachusetts, Dpt. Mental Diseases, State House, Boston, general contract 5 story, basement, brick, steel, terra cotta, plain found., to Matthew Cummings Co., 43 Tremont St., Boston, $790,000; plumbing, to J. F. Cabeen, Salem, $88,000; electrical work to Lord Electric Co. 112 Water St., Boston, $45,790; heating and ventilating to J. H. Lyons, 25 D St., South Boston, $76,814. Grand total $1,000,604. Noted Sept. 6.

Conn., Norwalk—APARTMENT—Hyland Building Co., Atlantic St., 4 story, 85 x 125 ft., brick, steel, East St. Owner builds. $175,000. Private plans.

Conn., Waterbury—APARTMENT—H. Bromberg, 11 West Main St., 3 story, 80 x 125 ft., brick, steel, Cooke St., to F. Slomowitz, Cooke St. Est. $150,000.

N. Y., Brooklyn—APARTMENT—Carroll Park View Realty Corp., L. Ponsner, secy., 611 Empire Blvd., 6 story, brick, timber, separate contracts. $650,000. Noted Aug. 30.

N. Y., Brooklyn—APARTMENTS—J. F. Churlo Corp., 132 Highlawn Ave., five 4 story, brick, Avenue S and West 10th St., separate contracts. $260,000 V. S. Todaro, 1931 West 12th St., archts. Noted Aug. 30.

N. Y., Brooklyn—APARTMENT—Filer Realty Corp., H. Shaffer, pres., 44 Court St., 2 story apartment, East 34th St. and Avenue N, separate contracts. $170,000. P. Freshman, 50 Court St., archt. Noted Aug. 16.

N. Y., Brooklyn—APARTMENT—Fifteenth Ave. and 57th St. Corp., F. R. Klaw, pres., 19 West 34th St., New York, 6 story apartment, 15th Ave. and 57th St., separate contracts. $280,000. McManus & Griffiths, 11 East 42nd St., New York, archt. Noted Aug. 30.

N. Y., Brooklyn—APARTMENT—A. Frankel, 55 West 42nd St., New York, 6 story, 77 x 100 ft., brick, timber, separate contracts. $150,000. B. W. Dorfman, 66 Court St., archt. Noted Aug. 30.

N. Y., Brooklyn—APARTMENT—Katbert Realty Corp., J. Katz, pres., 467 East 54th St., 6 story, 86 x 100 ft. apartment, East 5th St. and Avenue C, separate contracts. $200,000. W. Levy, 1753 Pitkin Ave., archt. Noted Aug. 16.

N. Y., Brooklyn—APARTMENT—One Thousand Five Ninety-Four Park Pl. Realty Corp., 522 Van Siclen Ave., 6 story, 90 x 200 ft. apartment, 68th St., 19th and Bay Ridge Aves., separate contracts. $450,000. J. J. Millman, 26 Court St., archt. Noted Aug. 30.

Buildings—Commercial (Continued)

N. Y., Brooklyn—APARTMENT—Roxol Building Corp., J. J. Sulin, pres., 350 Stone Ave., 6 story, 70 x 100 ft., brick, steel, separate contracts. $200,000. MacManus & Griffiths, 11 East 42nd St., archts. Noted Sept. 6.

N. Y., Brooklyn—APARTMENT—Solon & Glass, Inc., 922 West 45th St., 4 story, 90 x 93 ft., brick, steel, New Lots Ave. and Elton St., separate contracts. $175,000. Rieca & Ungarleider, 186 Remsen Ave., archts.

N. Y., Brooklyn — APARTMENT — D. Solomon, 1 Grace Court, 9 story, 74 x 75 ft., separate contracts. $400,000. M. E. Frechof, 415 Lexington Ave., New York, archt. Noted Aug. 30.

N. Y., Brooklyn — APARTMENT — Zinbar Realty Corp., B. Zinick, pres., 301 East 8th St., 6 story, 67 x 100 ft., 67th St. and 2nd Ave., separate contracts. $250,000. Seelig & Finkelstein, 66 Court St., archts. Noted Aug. 16.

N. Y., Brooklyn—BANK and OFFICE—High Grand Holding Corp., I. F. Pitts, pres., 325 Wyckoff St., genera. contract 6 story, 50 x 93 ft., brick, steel, to P. M. Sterling 33 West 42nd St., New York. Est. $175,000. Noted July 19.

N. Y., Brooklyn—STORE and APARTMENT—Granite Constr. Co., 5005 Beverly Rd., 6 story, Rockaway Parkway and Church Ave., separate contracts. $250,000. J. W. Cytrign, 1777 Pitkin Ave., archt.

N. Y., Flushing—APARTMENT—Maxim Realty Corp., 164-10 Jamaica Ave., 4 story, 90 x 95 ft., brick, steel, separate contracts. $160,000. W. Samborm, 164-10 Jamaica Ave., archt. Noted Sept. 6.

N. Y., Long Island City—APARTMENT—Filmore Corp., 1320 Prospect Ave., 6 story apartment, separate contracts. $300,000. C. N. Whinston, 2 Columbus Circle, New York, archt. Noted Aug. 23.

N. Y., Long Island City—APARTMENT—J. L. Kohoe, 46 West 95th St., 6 story, brick, timber, separate contracts. $185,000. C. W. Marsoe, c/o owner, archt. Noted Aug. 23.

N. Y., Long Island City—APARTMENT—Szabo Constr. Co., 3202 Grand Ave., 6 story, 80 x 90 ft., brick, timber, 33rd St. and 28th Aves., separate contracts and day labor. $150,000. C. Wurst, 3202 Grand Ave., archt.

N. Y., Long Island City — STORE and OFFICE — Owner, c/o O. Erlandsen, archt., 161-10 Jamaica Ave., 10 story apartment, to Caye Constr. Co., 356 Fulton St., Brooklyn. Est. $400,000. Noted Aug. 23.

N. Y., Mamaroneck — APARTMENT — Oriental Point Apartments, Inc., c/o G. A. Bagge, archt., 157 East 44th St., general contract 6 story, basement, brick, steel, plain found., Beekman St., to Deakman-Wells Co., 921 Bergen Ave., Jersey City, N. J. Est. $250,000.

N. Y., New York—APARTMENT—Absar Realty Corp., A. Weisman, pres., 2382 Grand Concourse, 80 x 379 ft. apartment, Greystone and 242nd Sts., separate contracts. $750,000. C. Kreymborg & Son, 2534 Marion Ave., archt. Noted Aug. 23.

N. Y., New York—APARTMENT—A. I. G. Building Corp., A. Imarata, pres., 1563 McCombs Rd., 6 story, 88 x 91 ft., brick, steel, Jessup St. and Featherbed Lane, separate contracts. $250,000. H. I. Feldman, 415 Lexington Ave., archt. Noted Sept. 6.

N. Y., New City—COURT HOUSE—Bd. Supervs. Rockland Co., J. J. Brown, chn., 53 Lafayette Ave., Suffern, general contract, to C. T. Wills, 286 5th Ave., New York. Est. $1,000,000. Noted July 12.

N. Y., New York—APARTMENTS—Ein Singe Holding Corp., I. Einhoon, pres., 39 East 169th St., 6 story, 77 x 165 ft. apartment, $250,000, also 6 story apartment, $350,000, separate contracts. Franklin, Bates & Heindsmann, 2526 Webster Ave., archts. Noted Aug. 23.

N. Y., New York—APARTMENT—Four Hundred Ten Central Park West Corp., A. Distillator, 153 West 72nd St., 16 story, 75 x 90 ft., brick, steel, separate contracts. $650,000. Margon & Holder, 153 West 72nd St., archt. Noted Sept. 6.

N. Y., New York—APARTMENT—Godmar Realty Corp., 469 7th Ave., 6 story, 86 x 200 ft. apartment, 2167 Amsterdam Ave., separate contracts. $375,000. Schaefer & Rutkins, 2409 Grand Concourse, archts. Noted Aug. 16.

N. Y., New York—APARTMENT—Golock Realty Corp., S. Gordon, pres., 56 West 45th St., 6 story, 92 x 140 ft., brick, steel, separate contracts. $200,000. C. B. Meyers, 31 Union Sq., archt. Noted Sept. 6.

N. Y., New York—APARTMENT—LYIB Corp., L. Yudin, pres., 1342 Feeley Ave., apartment, separate contracts. $170,000. Kavy & Kavovitt, 350 Stone Ave., archts. Noted Sept. 6.

N. Y., New York — APARTMENT — Loumen Realty Corp., L. Brander, pres., 1005 Walton Ave., 6 story, 86 x 162 ft., separate contracts. $250,000. L. Stillman, 2419 Webster Ave., archt. Noted Aug. 23.

N. Y., New York—APARTMENT—Naples Holding Corp., D. J. Napoli, pres., 400 East Fordham Rd., 4 story, 91 x 138 ft., brick, timber, separate contracts. $175,000. Noted Sept. 6. A. E. Schaefer, 2408 Grand Concourse, archt.

N. Y., New York—APARTMENT—One Thousand Seventy-Four 5th Avenue Corp., A. Campagna, pres., 531 5th Ave., 13 story, 86 x 90 ft., brick, steel, to Campagna Constr. Co., 531 5th Ave. Est. $600,000. Noted Sept. 6.

N. Y., New York — APARTMENT — Regent Building Corp., 179 Sherman Ave., 6 story, 87 x 100 ft., brick, steel separate contracts. $180,000. Franklin, Bates & Heindsman, 2526 Webster Ave., archts. Noted Sept. 6.

N. Y., New York—APARTMENT—Two Hundred Forty-Five East 21st Street Corp., M. Schroeder, pres., 420 Lexington Ave., 16 story apartment, 371 2nd Ave., separate contracts and day labor. $450,000. R. T. Lyons, 40 East 49th St., archt.

N. Y., New York—APARTMENT—Three Hundred Two East 79th St. Corp., A. S. Baker, pres., 345 Madison Ave., 16 story, 82 x 169 ft., brick, steel, separate contracts. $1,000,000. J. H. Felson, 250 West 57th St., archt. Noted Aug. 30.

N. Y., New York—APARTMENT—Vigo Realty Corp., J. Vigdor, pres., 1963 Arthur Ave., apartments, Newbold and Castle Hill Aves., separate contracts. $250,000. Glick & Duma, 400 East Fordham Rd., archt. Noted Sept. 6.

N. Y., New York—APARTMENTS—Van Fair Realty Corp., 1061 Walton Ave., 6 story, 106 x 142 ft., brick, timber, Heath Ave. and Kingsbridge Rd., $175,000, and one at Kingsbridge Rd. and Heath Ave., $150,000, both separate contracts. C. S. Clark, 441 East Tremont Ave., archt. Noted Sept. 6.

N. Y., New York—HOTEL—West 49th Street Constr. Corp., C. H. Darmstadt, pres., 352 West 43rd St., 16 story, 90 x 100 ft. hotel, separate contracts. $1,250,000. H. I. Feldman, 415 Lexington Ave., archt. Noted Aug. 30.

N. Y., New York—LOFT—Twenty-Five West 46th St. Corp., S. Stern, pres., 31 East 27th St., 15 story, brick, steel, to E. Ellinger 16 East 52nd St. Est. $500,000. Noted Aug. 16.

N. Y., New York—LOFT, STORAGE and STORE — Cobus Holding Corp., 114 5th Ave., 17 story, 28 x 150 ft., brick, to Conrad Glaser, 1440 Bway. Est. $375,000. Noted Aug. 9.

N. Y., Richmond Hill (Ind. br. Jamaica)—APARTMENT—Deacon Development Co., 26 Court St., Brooklyn, 6 story, 105 x 118 ft., brick, timber, separate contracts. $250,000. Seelig & Finkelstein, 66 Court St., Brooklyn, archt. Noted Sept. 6.

N. Y., Sunnyside (mail Long Island City)—APARTMENT—Nathan Holding Corp., 1240 Elder Ave., New York, 6 story, basement, brick, timber, separate contracts. $290,000. Faber & Kalkin, 1746 Pitkin Ave., Brooklyn, archts. Noted Sept. 6.

N. Y., Woodhaven (Ind. br. Jamaica)—APARTMENT—Woodhaven Housing Corp., 90-30 Sutphin Blvd., brick, stone, separate contracts. $500,000. Private plans. Noted Sept. 6.

N. J., Bloomfield—APARTMENT—Malching & Lockle, Inc., 21 Lackawanna Pl., 4 story, basement, 75 x 100 ft., brick, steel, plain found., Clinton and Lincoln Aves., separate contracts. $150,000. M. Villanueva, 604 Central Ave., East Orange, archt. Noted Sept. 6.

N. J., Cliffside Park (mail Cliffside) — APARTMENT—H. Muller, 255 Lafayette Ave., Grantwood, 4 story, basement, 75 x 125 ft., brick, steel, plain found., West End and Aurora Ave., separate contracts. $150,000. Private plans.

N. J., Clifton (Ind. br. Passaic)—WAREHOUSE—Waldrick Realty Co., c/o Lockwood Greene, Inc., archts., 100 East 42nd St., New York, general contract 2 story, basement, 80 x 160 ft., rein.-con., brick addition, plain found., Delawanna Sect., to James Mitchell Co., 74 Journal Sq., Jersey City. Est. $150,000.

N. J., East Orange — APARTMENT — Friedman Constr. Co., 31 Clinton St., Newark, 7 story, basement, brick, steel, plain found., 194 Park Ave., separate contracts. $650,000. E. V. and C. F. Warren, 31 Clinton St., Newark, archts.

N. J., East Orange—APARTMENTS—R. Tosti, 4625 3rd Ave., New York, two 4 story, basement, 85 x 100 ft., brick, steel, plain found., 241-49 South Arlington Ave., separate contracts. $250,000. Kasoff & Flatt, 164 Market St., Newark, archts.

N. J., Hasbrouck Heights (Ind. br. Hackensack) — APARTMENT — Pickwick Arms, Inc., Terrace Ave., 5 story, basement, 100 x 150 ft., brick, steel, plain found., separate contracts. $250,000. H. Gerritsen, 118 Passaic Ave., Garfield, archt. Noted Sept. 6.

N. J., Jersey City — APARTMENT — B. Caminsky, Inc., Concourse Bldg., 5 story, basement, 100 x 125 ft., brick, steel, plain found., Tonnele Ave., separate contracts. $250,000. C. Shilowitz, 26 Journal Sq., archt. Noted Sept. 6.

N. J., Jersey City—HOSPITAL—J. Rowland, Jr., archt., 176 Palisade Ave., general contract 4 story, basement, 96 x 176 ft., brick, steel, plain found., 176 Palisade Ave., to James Mitchell, Inc., 24 Journal Sq., for Christ Hospital, 176 Palisade Ave. Est. $300,000. Noted Aug. 16.

N. J., Jersey City—PASSENGER STATION—Pennsylvania R.R. Co., T. J. Skillman, ch. engr., Broad St. Sta., Phila., Pa., general contract altering 2 story, 58 x 300 ft., brick, steel, plain found., to Deakman & Wells Co., 921 Bergen Ave. Est. $150,000. Noted Mar. 15.

N. J., Madison—APARTMENT—Feldman & Pivnick, Inc., J. Feldman, pres., 68 Custer Ave., Newark, 3 story, basement, 75 x 125 ft., brick, steel, plain found., Green Village Rd., separate contracts. $150,000. R. Bottelli, 45 Branford Pl, Newark, archt. Noted Sept. 6.

N. J., Newark—APARTMENT—I. Jaffe, 60 Park Pl., 3 story, basement, brick, steel, plain found., 48 Aldine St., separate contracts. $150,000. M. J. Nadel, 32 Hill St., archt. Noted Sept. 6.

N. J., Newark—APARTMENT—I. Jaffe, 60 Park Pl., 3 story, basement, 75 x 100 ft., brick, steel, plain found., 287-91 Goldsmith Ave., separate contracts. $150,000. M. J. Nadel, 32 Hill St., archt. Noted Sept. 6.

N. J., Newark—HOSPITAL—St. James Hospital, c/o Fanning & Shaw, archt., 49 Ward St., Paterson, general contract altering and constructing 4 story, basement, brick, steel addition, Jefferson and Elm Sts., to A. W. Crone & Sons, 338 Palisade Ave., Jersey City. Est. $150,000.

N. J., Newark — HOTEL — Metropolitan Building & Realty Co., H. Kruvant, pres., 24 East Park St., 12 story, basement, 100 x 150 ft., brick, steel, plain found., separate contracts. $300,000. R. Bottelli, 45 Branford Pl., archt. Noted July 1.

N. J., Paterson—LOFT and STORE—H. B. Katay, c/o F. W. Wentworth, archt., 140 Market St., general contract 3 story, basement, brick, steel, plain found., to J. Westerveld, 121 Ellison St. Est. $150,000. Noted July 26.

N. J., Perth Amboy—STORE and AUDITORIUM—C. K. Realty Co., (O. K. Electric Supply Co.), 226 Smith St., general contract 2 story, basement, 100 x 105 ft., brick, steel, plain found., to Perth Amboy Constr. Co., 61 Madison Ave. Est. $150,000. Noted Aug. 2.

N. J., Trenton—HOSPITAL—Orthopedic Hospital, Montgomery and Front Sts., general contract 3 story, basement, brick, steel, plain found., to J. H. Morris Co., Inc., 211 North Montgomery St. Est. $150,000. Plumbing, to J. M. Heidweiler, 526 Hamilton Ave.; heating, to P. S. Slack, 211 Perry St.; electrical work, to Mercer Electric Co., 338 South Broad St.

N. J., West New York — WAREHOUSE and REPAIR SHOP — Pub. Serv. Electric & Gas Co., 80 Park Pl., Newark, 2 story, basement, 60 x 200 ft., brick, steel, plain found., 12th and Jefferson Sts., separate contracts. $200,000. Pub. Serv. Production Co., 80 Park Pl., Newark, archt. Noted May 17.

N. J., Woodbridge—APARTMENT—C. H. Reis, Inc., Hackensack St., 3 story, basement, 75 x 125 ft., brick, steel, separate contracts. $150,000. P. J. Jossier, 24 Branford Ave., Palisades Park, archt.

Pa., Ardmore—APARTMENT—Syndicate 6 story, basement, 38 x 268 ft., rein.-con., brick, steel, plain found., Montgomery Pike, to A. H. Winters, 4 Lantern Lane, Phila. Est. $1,000,000.

Pa., Phila. — HOSPITAL — St. Lukes & Childrens Hospital, c/o A. W. Barnes, archt., Perry Bldg., 11 story, basement, 92 x 160 ft., rein.-con., brick, steel, plain found., 8th and Thompson Sts., to W. J. Steele & Co., 16th and Cherry Sts. Est. $1,000,000.

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Buildings—Commercial (Continued)

Pa., Phila.—HOTEL—Blackstone Hotel, c/o P. M. Julian, archt., 917 15th St. N. W., Wash., D. C., 22 story, basement, 60 x 110 ft., rein.-con., brick, steel, plain found., 13th and Locust Sts., to F. V. Warren Co., 1913 Arch St. Est. $2,000,000.

D. C., Wash.—HOTEL—Walker Johnson, general contract hotel, opposite Union Station, to Boyle-Robertson, Inc., 1420 New York Ave. N.W. Contractor taking bids on sub-contracts. Noted Aug. 2.

Miss., Biloxi — HOTEL — White House Hotel Co., remodeling and constructing 3 story, brick, tile, rein.-con. addition, to A. F. Perry, Jr., 1202 Riverside Ave., Jacksonville, Fla., $152,108.

Ky., Louisville—HOTEL-APARTMENT—W. H. Smith Co., 110 North 7th St., St. Louis, Mo., 9 story, basement, 64 x 140 ft., brick, stone, rein.-con., 740 South 2nd St., own forces. $480,000. D. X. Murphy & Bro., Louisville Trust Co., archts.

La., New Orleans—BANK and OFFICE—M. H. Goldstein, archt., Hibernia Bldg., general contract 21 story, 106 x 107 ft., limestone, terra cotta, steel, to G. J. Glover Co., Inc., Whitney Bldg., for American Bank & Trust Co., Carondelet St. $1,409,975. Noted Sept. 13.

O., Cincinnati — GARAGE — Reading Lenox Realty Co., 3915 Reading Rd., 3 story, basement, rein.-con., plain found., Reading Rd., to Midland Building Co., 4 West 7th St., $150,000.

Ind., Anderson — ARMORY — Indiana Natl. Guard, State House, Indianapolis, general contract 2 story, basement, rein.-con., brick, to Ostrom Realty & Constr. Co., Peoples Bank Bldg., Indianapolis. Est. $150,000. Noted Mar. 22.

Ind., Evansville — HOSPITAL—Vanderburgh Co., S. Bell, aud., general contract 47 x 231 ft., rein.-con., brick, steel unit, to M. Hallenberger, Evansville. Est. $150,000.

Ind., Ft. Wayne—COMMISSION HOUSE—Pennsylvania R.R. Co., R. H. Pinkham, supt., 1401 Clinton St., general contract 3 story, rein.-con., brick, steel, to Buesching-Hagerman, 402 East Superior St. Est. $200,000. Noted Jan. 26.

Ind., Indianapolis—APARTMENT—E. A. Cook, 1435 West 27th St., general contract 2 story, basement, 60 x 80 ft., brick, steel, 11th St. and College Ave., to Smith Martin, 1254 West 35th St. Est. $150,000.

Mich., Detroit—OFFICE—Carborundum Co., 1915 West Fort St., 3 story, basement, 200 x 229 ft., rein.-con., brick, steel, plain found., East Grand Blvd., to Walbridge-Aldinger Co., 2312 Penobscot Bldg. Est. $150,000.

Mich., Detroit — OFFICE and EXCHANGE — Michigan Bell Telephone Co., Cass Ave., two 2 story, basement, 90 x 105 ft., and 85 x 110 ft., rein.-con., brick, steel, plain founds., to H. G. Christman-Burke Co., 315 Stevens Bldg. Est. $150,000 each. Noted July 5.

Ill., Chicago — APARTMENT — O. G. Riedel, 3745 North Kedvale Ave., masonry contract 3 story, basement, 90 x 160 ft., to W. Gade, 7946 North Kilpatrick St. Est. $200,000. Noted Aug. 23.

Ill., Chicago — APARTMENT — H. H. Shoenlank, 1526 Pratt Blvd., masonry contract 6 story, 50 x 192 ft., apartment to J. Traff, 3735 North Clark St. Est. $300,000. Noted Aug. 30.

Minn., Faribault—HOTEL—G. Murray, general contract 3 story, basement, 50 x 127 ft., rein.-con., brick, Bedford stone, to Walter Butler Co., 630 Hamm Bldg., St. Paul. Est. $175,000.

Minn., Minneapolis—OFFICE, GARAGE, GYMNASIUM—A. B. Boyer, archt., 878 Arcade Bldg., St. Louis, Mo., general contract 12 story, brick, steel, stone, office building, 2 story garage and recreation building, Grant St. and Stevens Ave., to Stahr-Burgum Co., 401 Metropolitan Bank Bldg., for Wesley Church Corp., c/o A. H. Maas, pres., 501 Palace Bldg. $900,000. Est. $700,000. Noted Aug. 9.

Minn., St. Paul—GARAGE—Holt Motor Co., 1301 Hennepin Ave., Minneapolis, general contract 1 story, 120 x 150 ft., Bedford stone, brick, rein.-con., 5th and Franklin Sts., to J. S. Sweitzer & Son, 1424 Capitol Ave. $50,000.

Kan., Independence—HOSPITAL—Sisters of Mercy Hospital, general contract 5 story, basement, 100 x 140 ft., rein.-con., brick, stone, to Brewster Bros., Independence, $116,044; heating and plumbing to Orr Heating & Plumbing Co., Independence, $26,580. Noted Aug. 16.

Mo., Joplin — APARTMENT—Colet-Bennett Investment Co., 629 Jaccord Pl., 6 story, basement, 48 x 100 ft., rein.-con., brick, 5th and Moffett Sts., to Manhattan Constr. Co., Court Arcade Bldg., Tulsa, Okla. Est. $300,000.

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Tex., Ft. Worth—HOTEL—C. A. O'Keefe, 520 South Summit St., superstructure Blue Bonnet Hotel, 18 story, basement, 100 x 100 ft., rein.-con., brick, steel, terra cotta, to Bellows-Maclay Constr. Co., 603 Constr. Ind. Bldg., Dallas. Est. $1,000,000. Noted Aug. 16.

Tex., San Antonio—APARTMENT—See "Proposed Work."

Tex., San Antonio — PUBLISHING PLANT—Express Publishing Co. Navarro and Crookett Sts., general contract 5 story, fireproof, to Lon T. Wright & Co., 910 Builders Exch. Bldg., $646,400. Noted Aug. 16.

Tex., Temple—STORE and OFFICES—L. Bryan, general contract 10 story, 30 x 110 ft., brick, stone, steel, rein., to R. Love, Temple. Total est. $200,000.

Okla., Tulsa — HOTEL — C. W. Bliss, Bliss Bldg., 10 story, basement, 50 x 140 ft., brick, steel, rein.-con., plain found., 2nd and Boston Sts., to J. W. Van Horn, 526 South Kenosha St., $640,000. Noted July 5.

Okla., Mangum — HOTEL — Mangum Hotel Co., G. T. Border, pres. 6 story, basement, 75 x 140 ft., brick, rein.-con., plain found., to McMillan & Shelton, Enid, $136,-110. Noted June 28.

Calif., Glendale—MUNICIPAL—City, 6 story, basement, rein.-con., steel, North Howard St., to H. F. Jones, 39 Congress St., Pasadena, $162,000.

Calif., Los Angeles—APARTMENT—W. Berkowitz & Associates, 4 story, basement, 100 x 142 ft., brick, to J. H. Pine, 1366 North Van Nuys St., $175,000. Noted Aug. 23.

Calif., Los Angeles—APARTMENT—Ray Investment Co., c/o W. Allen, Pacific Natl. Bank Bldg., 5 story, basement, 75 x 140 ft., rein.-con., brick, Alvarado Terrace, to J. F. Kuhns, 175 West 37th Pl., $160,000.

Calif., Los Angeles — DEPARTMENT STORE—Schulte-United, Inc. Chain Store, 4 story, basement, 45 x 150 ft., brick, steel, terra cotta, to Schofield-Twaits Co., Pacific Finance Bldg., Los Angeles, $195,000. Noted Aug. 30.

Calif., San Francisco—APARTMENT—Meyer Bros., 200 Quint St., 6 story, basement, concrete, Pine and Monroe Sts., day labor. $150,000. H. C. Baumann, 251 Kearny St., archt.

Ont., Ottawa—OFFICE—Noffke, Morin & Sylvester, archts., Central Chambers Bldg., Elgin St., 6 story, basement, brick, steel, stone, plain found., to Ross-Meagher Ltd., Elgin St., for company financed by local doctors. Est. $150,000. Noted June 7.

Ont., Toronto—APARTMENT—F. Lenfestey, c/o W. C. Charters, archt., 2339 Queen St. E., masonry for 3 story, basement, 60 x 100 ft., rein.-con., brick, steel, plain found., Queen St. and MacLean Ave., to B. A. Hart, 43 Cross St., Weston; carpentry, to J. Ellenor, 122 Scarborough Rd. Est. $150,000.

Ont., Toronto — STORE and APARTMENT — E. J. Griffith, 507 Dominion Bldg., general contract 3 story, basement, rein.-con., brick, steel, stone, plain found., day labor. $175,000. Noted Jan. 12.

Buildings—Educational, Religious

Proposed Work

Vt., Burlington—SCHOOL—St. Joseph's Roman Catholic Church, N. Proulx, pastor, plans by F. A. Austin, 240 College St., and soon takes bids, 3 story, basement, 140 x 160 ft., brick, stone, plain found., Allen St. Est. exceeds $150,000.

Mass., Bridgewater — CHURCH — St. Thomas Aquinas Roman Catholic Church, F. S. Hart, pastor, 103 Centre St., rejected bids 1 story, basement, 80 x 500 ft., brick, timber, plain found. $150,000 or more. Will readvertise. M. Sullivan, 100 Boylston St., Boston, archt.

Mass., Brighton (sta. Boston) — HIGH SCHOOL — City of Boston, Schoolhouse Dpt., soon takes bids 3 story, basement, brick, limestone, plain found., Bennett Dist. $1,200,000. O'Connell & Shaw, 134 Newbury St., Boston, archts. Noted Dec. 22.

Mass., Everett (br. Boston)—SCHOOL—City, D. R. W. Murdock, chn. School Building Com., and McLaughlin & Burr, archts., 88 Tremont St., Boston, soon take new bids 2 story, basement, 105 x 120 ft., brick, plain found., Shute St. $150,000. Former bids rejected. Noted Aug. 30.

Mass., Lawrence—SCHOOL—City, M. S. Landers, mayor, sketches by Ashton, Huntress & Alter, 477 Essex St., 2 story, basement, brick, steel industrial school. $200,-900. Noted Mar. 15.

N. Y., New York — CHURCH and APARTMENT — Calvary Baptist Church, 123 West 57th St., plans by Church Bldg. Co., (archt. and lessee), 101 Park Ave., 15 story, 123 West 57th St. $2,500,000.

N. Y., Sidney — SCHOOL — Bd. Educ. rejected bids high and grade school. Plain St. $500,000. Will readvertise. P. Rogers, 101 Park Ave., New York, archt. Noted July 12.

N. J., Newark—SCHOOL—Newark Academy, High St., plans by Guilbert & Betelle, 20 Branford Pl., 2 story, basement, brick, steel, plain found., Orange St. and Branch Brook Park. $150,000. Noted Sept. 6.

N. J., Newark—TABERNACLE—Interdenominational Tabernacle, E. P. Hains, 778 Mt. Prospect Ave., 1 story, basement, towers, 3,500 seating capacity, brick, steel, plain found., Bloomfield Ave. $150,000.

N. J., New Market — SCHOOLS — Bd. Educ., Boro Hall, two 2 story, basement, brick, steel, plain founds., one between New Market and Arbor, $200,000, other on Continental Ave., $150,000. Engineer and architect not selected.

N. J., Princeton — SCHOOL — Princeton Junior School for Boys, revised plans by Guilbert & Betelle, 20 Branford Pl., Newark, 2 story, basement, brick, steel, plain found. $150,000. Noted July 12.

O., Cleveland — HIGH SCHOOL — Cathedral Latin School, J. A. Tetzloff, principal, 2056 East 102nd St., sketches by W. Koehl, 1720 Euclid Ave., 2 story, basement, brick, steel, concrete addition. $150,000.

O., Lorain—CHURCH and SCHOOL—St. Joseph's Roman Catholic Church, C. Reithlin, pastor, soon lets contract 2 story, brick, steel, concrete. $250,000. W. P. Hutchins, Empire Bldg., Pittsburgh Pa., archt.

Ind., Calumet City—SCHOOL—Bd. Educ. plans by H. F. Beck, 159 East Ontario St., Chicago, Ill., 2 story, 125 x 150 ft., brick, stone addition, incl. manual training, gymnasium, class rooms. $200,000.

Ind., Ft. Wayne — SCHOOL — School Comrs. Wabash Co. (Wabash) C. Wright, trustee, North Manchester, plans by F. H. Brown, 309-1st. Natl. Bank Bldg., 2 story, basement, rein.-con., brick, steel. $150,000.

Ind., Valley Mills—HIGH SCHOOL—School Comrs. Marion Co. (Indianapolis), B. F. Yeager, trustee, Camby, plans by C. Byfield, 923 Peoples Bank Bldg., Indianapolis, 2 story, basement, rein.-con., brick, steel. $150,000.

Mich., Detroit—CONVENT—Societe Marie Reparatrice, 69 Burlingame Ave., plans by J. W. O'Connor, 162 East 37th St., New York, 3 story, basement, rein.-con., brick, steel, stone, plain found., Quincy Ave. $300,000.

Mich., Detroit — SCHOOL — Bd. Educ., 1354 Bway. Ave., plans by McGrath & Dohmen, 2231 Park Ave., 2 story, basement, 1,360 seating capacity, rein.-con., brick, steel, plain found., State Fair Ave. $406,000.

Mich., Grand Rapids — CHURCH — Bethlehem Lutheran Church, plans by Colton & Knecht, Grand Rapids Trust Bldg., church, Crescent St.

Mich., Pontiac — HIGH SCHOOL — Bd. Educ., R. Hazleton, bus. mgr., plans by Malcolmson & Higginbotham, 1219 Griswold St., Detroit, Junior High School, 2 story, basement, 200 x 265 ft., rein.-con., brick, steel, stone, plain found., Washington site, Menominee St. $485,000.

Wis., Lake Geneva—HIGH SCHOOL—Bd. Educ. plans by J. C. Llewellyn Co., 38 South Dearborn St., Chicago, Ill., 2 story, brick, stone. $170,000.

Minn., Minneapolis—NURSES HOME—Fairview Hospital Assn., 2316 6th St. S., soon lets contract 6 story, basement, brick, rein.-con., Bedford stone, Bjornson St. S. E. and Mississippi River. Long & Thorshov, 1028 Andrus Bldg., archts. Noted Nov. 10.

Minn., Minneapolis — SCHOOLS — Bd. Educ., 305 City Hall, Junior High School, Nicollet Ave. and 50th St., $300,000; Junior High School addition, Newton and 43rd Aves. N., $240,000; grade schools, 51st St. and DuPont Ave., N. $235,000, and 34th and Fillmore Aves. N. E. $235,000, all 2 story, basement, rein.-con., brick. Architectural Dpt. Owner, archts.

Minn., Willmar—DORMITORIES—State Bd. Control, Capitol Bldg., St. Paul, plans by C. H. Johnston, 715-28 Robert Sts., St. Paul, two 2 story, basement, rein.-con., brick dormitories for State Hospital for Insane.

Mo., Columbia — COLLEGE — Stephens College soon takes bids rein.-con., brick, stone dormitory $200,000; bids in 1929 library $200,000, and dormitory $200,000; bids in 1930 dormitory $200,000; bids between 1930 and 1935 on additional buildings $700,000. Total $1,500,000.

Buildings—Educational, Religious (Cont.)

Mo., St. Louis—CONVENT, CHURCH and SCHOOL—St. Elizabeths Catholic Parish, 2721 Pine St., bids early in 1929, 3 story, basement, 130 x 152 ft. convent, church and school, incl. swimming pool, also 2 story priests rectory, rein.-con., brick, stone, Taylor and Cook Aves. $450,000. Study, Farar & Rothenheber, Arcade Bldg., archts.

Ark., Russellville — HIGH SCHOOL — Russellville School Bd., c/o Secretary, sketches by J. P. Almand, Boyle Bldg., Little Rock, 2 or 3 story, brick, concrete, incl. 45 classrooms, auditorium, gymnasium, offices, southern part town. $100,000-$150,000.

Calif., Claremont — COLLEGE — Scripps College, E. J. Jaqua, pres., plans by Hunt & Burns, 701 Laughlin Bldg., Los Angeles, 2 and 3 story, concrete, hollow tile, incl. auditorium, 300 seating capacity, at Scripps College. $150,000.

Calif., Los Angeles—SCHOOL—City of Los Angeles School Dist. plans by Taylor & Taylor, 810 West 6th St., 24 unit school known as Home Gardens School. $160,000.

Calif., Los Angeles—CHURCH—Roman Catholic Archbishop plans by N. Karoly, 1606 Cosmos St., 95 x 165 ft., rein.-con., steel, East 3rd St. $150,000. Noted Aug. 23.

Bids Desired

R. I., Newport—CHURCH—Sept. 24, by Portugese Roman Catholic Church, W. A. Hickey, pastor, 30 Fenner St., Providence, 1 story, basement, brick, stone, Vernon and Broadway Sts. $150,000. A. J. Murphy, 25 Fenner St., Providence, archt.

N. Y., Mount Kisco—CHURCH and PARISH HOUSE — B. Goodhue Associates, archts., 2 West 49th St., New York, taking bids church and parish house, for St. Marks Church, 252 East Main St. $225,000. Noted Aug. 9.

N. Y., Rome—DORMITORY—Oct. 3, by Dpt. Mental Hygiene, Capitol, Albany, general contract dormitory at Rome State School. W. Haugaard, 353 Bway., Albany, archt. Adv. E. N.-R. Sept. 20.

N. J., Demarest—SCHOOL—Bd. Educ., Boro Hall, bids about Oct. 1, revised plans general contract 2 story, basement, brick, steel, plain found. $150,000. E. Sibley, Bluff Rd., Palisades, archt. Noted Aug. 16.

N. J., Glen Ridge—SCHOOL—Sept. 26, by Bd. Educ., High School Bldg., Ridgewood Ave., general contract 2 story, basement, 114 x 135 ft., rein.-con., brick, steel, plain found., Glen Ridge Parkway and Forest Ave. $150,000. Guilbert & Betelle, 20 Branford Pl., Newark, archts.

N. J., Hackensack—SCHOOL—Bd. Educ., 355 State St., bids about Oct. 1, general contract two 2 story, basement, 50 x 120 ft., brick, steel wings to School 4, plain founds., Grand St. and Fairmount Ave. $281,430. A. E. Dore, 173 Main St., archt. Noted Aug. 16.

N. J., Jersey City—NORMAL SCHOOL—Oct. 2, by State Bd. Educ., State House, Trenton, 2 story, basement, 114 x 190 ft., brick, steel, rein.-con. addition, incl. auditorium, gymnasium, plain found., Hudson Blvd. and Culver St. $150,000. Guilbert & Betelle, 20 Branford Pl., Newark, archts. Noted Sept. 6.

N. J., Mendham—SCHOOL—Sept. 28, by Bd. Educ., Public School Bldg., 2 story, basement, brick, steel, rein.-con., plain found. $150,000. Rasmussen & Wayland, 36 West 47th St., New York, archts. Noted July 19.

N. J., New Milford—HIGH SCHOOL—Sept. 25, by Bd. Educ., Boro Hall, general contract 3 story, basement, rein.-con., brick, steel, plain found. $400,000. E. Sibley, Bluff Rd., Palisade, archt. Noted Sept. 6.

N. J., Paterson—SYNAGOGUE, SCHOOL and COMMUNITY CENTER—F. W. Wentworth, archt., 140 Market St., bids about Oct. 15, 2 story, basement, brick, steel, plain found., on 170 x 280 ft. site, Bway. and 33rd St., for Temple Emanu-El, A. Miller, pres. $150,000. Noted Mar. 22.

N. J., Pleasantville—SCHOOL—Sept. 25, by Bd. Educ., school. $500,000. H. Vaughn, Guarantee Trust Bldg., Trenton, archt.

N. J., South Orange—BIBLE SCHOOL—Sept. 26, by C. C. Grant, & J. Dahler, archts., 175 5th Ave., New York, general contract 3 story, basement, 65 x 110 ft., brick, steel, plain found., for 1st Presbyterian Church, J. Edensen, Irving St. $150,000.

Pa., Harrisburg—TEMPLE—Zembo Temple, Nobles of the Mystic Shrine, Chestnut St., taking bids and open same about Oct. 1, temple, 3rd and Division Sts. $500,-000. C. H. Lloyd, Telegraph Bldg., archt. A. W. Brunner, 101 Park Ave., New York, associated archt.

N. C., Raleigh—HIGH SCHOOL—Sept. 28, by School Com., H. F. Srygley, supt., concrete, steel, incl. 52 rooms, audiotrium, cafeteria, gymnasium, St. Marys St. $350,-000. W. H. Deitrick, Raleigh, archt.

Ga., Emory University—NURSES HOME—Sept. 24, by Wesley Memorial Hospital, C. H. Candler, chn. building com., 3 story, basement, sub-basement, 3 x 142 ft. with 39 x 78 ft. wing, rein.-con., hollow tile, stucco, brick found. $200,000. Hentz, Adler & Shutze, Candler Bldg., Atlanta, archts. Noted Aug. 2.

Ky., Louisville—HIGH SCHOOL—Sept. 28, by Business Dir. Bd. Educ., 8th and Chestnut Sts., 3 story, part basement, 159 x 238 ft., brick, tile, 17th and Madison Sts. $375,000. J. M. Colley, c/o owner, archt. Noted Mar. 1.

Ky., Louisville—SCHOOL—Sept. 28, by Bd. Educ., 8th and Chestnut Sts., 125 x 200 ft., rein.-con., brick, steel, 18th and Madison Sts. $350,000. J. M. Cooley, 8th and Chestnut Sts., archt. Warren & Ronald, 1001 Realty Bldg., heating engr. Noted Apr. 26.

Ind., Indianapolis — DORMITORIES — Butler University bids about Oct. 15, 4 story boys and 4 story girls dormitories. $200,000 each. T. Hibben, 114 East 32nd St., New York, archt.

Ind., Kokomo—SCHOOLS—Sept. 26, by School Comrs., J. C. Stone, secy., 4 story, 50 x 200 ft. high school, $155,000; and 2 grade schools, $150,000, all brick, steel. H. P. Bartlett, 1050 North Delaware St., Indianapolis, archt. June 28.

Ind., Rushville—SCHOOL—Oct. 2, by School Trustees Orange Twp., 2 story, basement, 105 x 160 ft., brick, steel high and grade school. $150,000. Henkel & Hanson, Connersville, archts.

Ind., Southport—HIGH SCHOOL—School Comrs. bids about Nov. 1, 2 story, brick, steel, incl. auditorium, gymnasium. $175,-000. McGuire & Shook, North Meridian St., Indianapolis, archts. Noted June 21.

Ill., Oak Park — SCHOOL — Bd. Educ., bids about Sept. 25, 2 story, brick addition, 301 Washington Blvd. $200,000. Roberts & Roberts, 105 North Clark St., Chicago, archts.

Ill., Park Ridge—SCHOOL—Bd. Educ., bids about Sept. 20, 2 story, basement, brick, $400,000. Perkins, Chatten & Hammond, 160 North La Salle St., Chicago, Ill., archts. Noted Aug. 9.

Kan., Junction City—SCHOOLS—Sept. 25, by Secretary Treasurer Bd. Educ., Washington School, 2 story, basement, 85 x 133 ft., and Senior High School, 3 story, basement, 157 x 173 ft. high school, both brick, stone, rein.-con. Felt, Dunham & Kriehn, 300 West 47th St., Kansas City, Mo., archts.

Calif., San Francisco—SCHOOL—Oct. 3, by Bd. P. Wks., school, Onondaga, Otsego and Cayuga Aves., for City and San Francisco Co. $388,000.

Contracts Awarded

N. H., Concord—SCHOOL—City, H. F. Lake, and Wells & Hudson archts., Hanover, 2 story, basement, brick, stone, plain found., to H. P. Cummings Constr. Co., 14 Prospect St., Ware, Mass. Est. $150,000. Noted Aug. 29.

Conn., Branford — SCHOOL — Town, School Bd., 2 story, basement, 57 x 58 ft., and 57 x 170 ft., brick, steel, rein.-con., stone, to Larkin-Cary Co., 166 Brewery St., New Haven. Est. $240,000. Noted Aug. 30.

N. Y., Brooklyn—SCHOOLS—Bd. Educ., 500 Park Ave., New York, general contract P. S. 200, to D. M. W. Constr. Co., 5th Ave. and 92nd St., $518,000. Noted Aug. 23.

N. Y., Brooklyn—HIGH SCHOOL—Bd. Educ., 500 Park Ave., New York, general contract P. S. 227, Edward B. Shallow Junior High School, to Pstay & Fuhrman, Inc., 153 East 72nd St., New York, $794,-781. Noted Aug. 16.

N. Y., New York—SCHOOL—Bd. Educ., 500 Park Ave., New York, general contract P. S. 93, to George Colon Constr. Co., 103 East 125th St., $538,000. Noted Sept. 6.

N. Y., New York—SCHOOLS—Brearly School Ltd., 60 East 61st St., 8 story, 90 x 136 ft., steel, brick, 608-16 East 83rd St., to Turner Constr. Co., 420 Lexington Ave. Est. $600,000. Noted Sept. 13.

N. J., Grantwood — CHURCH — Trinity Episcopal Church, R. A. Carleton, chn. Building Com., 784 River Rd., Edgewater, general contract 2 story, basement, brick, steel, plain found., Palisade Ave., to W. B. Eyrich, 123 Van Nostrand Ave. Est. $150,000.

N. J., Newark—VOCATIONAL SCHOOL—Essex Co. Bd. Vocational Educ., Hall of Records Bldg., general contract 2 story, basement, 195 x 245 ft., brick, steel, plain found., to F. Kilgus, Inc., 13 South 6th St., $553,293; plumbing, to Schrennel Bros., 734 South 12th St., $32,224; heating and ventilating, to R. P. Lister, 532 Bloomfield Ave., Verona, $72,293; electrical work, to Buhl & Coffrey, 35 Hudson St., $21,731. Grand total $679,541. Noted Sept. 6.

N. J., Princeton—DORMITORIES—C. Z. Klauder, archt., 1429 Walnut St., Phila., Pa., general contract 4 story, basement, 138 x 152 ft., and 3 story, 80 x 150 ft., brick, steel, plain found., to Matthews Constr. Co., Princeton, for Princeton University. Est. $250,000. Noted Aug. 16.

Md., Baltimore — LABORATORY — University of Maryland, Lombard and Green Sts., 6 story, basement, 166 x 195 ft., rein.-con., brick, steel, incl. class rooms for dentistry, pharmacy, Lombard and Greene Sts., to Price Constr. Co., Maryland Trust Bldg. Noted Aug. 2.

D. C., Wash.—HIGH SCHOOL—District Comrs., District Bldg., E. A. Paul Junior High School, to George Hyman Constr. Co., 1010 Vermont Ave., N. W., $517,800. Noted Aug. 30.

Va., Charlottesville—DORMITORIES and ACADEMIC — University of Virginia, 8 dormitories and 1 academic building, to Harwood Constr. Co., Newport News, Va., $525,000. Noted Aug. 30.

Tenn., Jackson—HIGH SCHOOL and GYMNASIUM—J. D. Johnson, comr. Bd. Educ., 3 story, basement, concrete, brick, to W. C. Cwen & Co., Dermon Blvd., Memphis, $174,449; plumbing and heating, to Curtis Plumbing Co., Jackson, $27,719. Noted Sept. 6.

Tenn., Nashville — HIGH SCHOOL — Catholic Diocese of Nashville, 2001 West End Ave., Father Ryan School, 3 story, basement, brick, native stone, steel, tile, incl. library, 50 x 90 ft. gymnasium, assembly hall, to Nicholson & Co., Knoxville, $200,000. Noted Apr. 26.

O., Akron—SCHOOL—City, general contract Andrew Jackson School, to H. Kinson, Akron, $143,143; steam heating, to Kraus Plumbing & Heating Co., 92 Ash St., $42,799.

O., Columbus — CHURCH — St. Peters Congregation, New York Ave., 87 x 100 ft., brick, stone, 50 ft. high, New York Ave., to P. McAllister & Son, 1179 Wyandotte Rd., $65,925.

Ind., Columbus—HIGH SCHOOL—School Comrs., general contract 2 story, basement, rein.-con., brick, steel, to Hill & Strethberry, Columbus; heating and ventilating, to Freyn Bros., 1028 North Illinois St., Indianapolis, est. $150,000. Noted Aug. 9.

Ind., Dunlap—HIGH SCHOOL—School Comrs., general contract 2 story, basement, 70 x 125 ft., rein.-con., brick, steel, to H. E. Myers, Elkhart; plumbing, to W. H. Drews, Elkhart; heating and ventilating, to Weaver Heating Co., Auburn. Est. $150,000.

Ind., East Chicago — CHURCH — First Baptist Church, general contract 2 story, basement, brick, steel, stone, to P. Maginsky, 3715 Main St. Est. $150,000.

Ind., Ft. Wayne—CHURCH—St. Johns Lutheran Church, E. J. Boerger, pastor, general contract rein.-con., brick, steel, to H. Kaiser, 1728 Spy Run St. Est. $150,000.

Ind., Greencastle—CHURCH—Methodist Church, general contract rein.-con., brick, steel, Locust and Spring Sts., to L. Colvin, Continental Bank Bldg., Indianapolis. Est. $200,000.

Ind., Huntingburg — CHURCH — Salem Evangelical Church, J. Klingberger, pastor, general contract 2 story, basement, 61 x 120 ft., rein.-con., brick, steel, to P. Partenheimer, Huntingburg. Est. $150,000. Noted Apr. 5.

Mich., Detroit—SCHOOL—St. Lukes Parish, 7929 Wisconsin Ave., 2 story, basement, 60 x 130 ft., rein.-con., brick, steel, stone, plain found., Wisconsin Ave., to W. E. Wood Co., 1805 Ford Bldg. Est. $150,000.

Wis., Milwaukee—OLD PEOPLES HOME — Scandinavian American Old Peoples Home, c/o Leenhouts & Guthrie, archts., 424 Jefferson St., general contract 2 story, English basement, 74 x 113 ft., brick, concrete, to D. B. Danielson, 874 Layton Blvd. Noted July 24.

Minn., Minneapolis—CHURCH and COMMUNITY—A. B. Boyer, archt., 878 Arcade Bldg., St. Louis, Mo., general contract 12 story, basement, 57 x 110 ft., rein.-con., steel, brick, terra cotta, stone, Grand St. and Stevens Ave., to Stahr-Burgum Co., 401 Metropolitan Bank Bldg., for Wesley Church Corp., 501 Palace Bldg. Est. $700,-000. Noted May 24.

Ont., Toronto—SCHOOL—W. W. Pearce, 155 College St., masonry contract 2 story, basement, rein.-con., brick, steel addition to John Wanless School, to Carter & Cecil, 269 Leslie St.; carpentry, to F. Markham, 1104 Bay St.; structural steel, to Reid & Brown, 63 Esplanade St. E.; roofing, to A. B. Ormsky Co. Ltd., 150 Van Horne St.; electrical work, to Moss Electric Co., 156 St. Clements Ave.; plumbing, drains and heating, to Fiddes & Hogarth, 122 King St. E., for Bd. Educ., 155 College St. Est. $150,000.

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Federal Government Work

Proposed Work

Va., Norfolk — CONCRETE ROADS — Spec. 5665—Bureau Yards & Docks, Navy Dpt., Wash., D. C., at U. S. Naval Hospital.

Va., Yorktown—FIRE ALARM CIRCUITS—Spec. 5379—Bureau Yards & Docks, Navy Dpt., Wash., D. C., at Navy Mine Depot.

S. D., Newell—COTTAGES and GARAGES — Bureau Reclamation, Denver, Colo., rejected bids June 1, for Belle Fourche Project. Work to be done by purchase and hire method.

Idaho, Boise—FEDERAL—Treas. Dpt., at office Supervising Archt., Wash., D. C., soon takes bids 4 story, basement addition to Federal Building. J. A. Wetmore, acting supervy. archt.

Calif., San Diego—BOILER—Spec. 5483—Bureau Yards & Docks, Navy Yard, Wash., D. C., boiler and accessories at Naval Air Station.

Bids Desired

Mass., Camp Devons (br. Boston)—BARRACK and HOSPITAL—Oct. 15, by Constructing Quartermaster, infantry battalion barrack and post hospital; adv. E. N.-R. Sept. 20. Noted Jan. 5.

D. C., Wash.—EXTENSION—Oct. 15, by Treas. Dpt., at office Supervising Archt., 8 story, basement, fireproof extension to Government Printing Office. J. A. Wetmore, acting supervy. archt.

Virginia and North Carolina—DREDGING—Oct. 18, by U. S. Engineer Office, Norfolk, 2,813,250 cu.yd. Pamico River-Bay River Sect. Inland Waterway from Norfolk, Va. to Beaufort Inlet, N. C., Beaufort and Pamlico Counties, North Carolina; adv. E. N.-R. Sept. 20.

Va., Norfolk—RIP RAP STONE—Oct. 3, by U. S. Engineer Office, 3,032 tons rip rap stone for repairing Craney Island Bulkhead, Norfolk Harbor. Noted Sept. 6.

Mississippi—Sept. 26, by U. S. Engineer Office, Mobile, Ala. dredging in Pascagoula River and Mississippi Sound Channels.

Idaho—ROAD—Sept. 27, by Dpt. Agriculture, Bureau Pub. Rds., Ogden, Utah, grading 1.89 mi. Teton Hy. 38-A, Natl. Forest Road Project, in Targhee Natl. Forest, Teton Co. B. J. Finsh, dist. engr.

Utah—ROAD—Sept. 27, by Dpt. Interior, Natl. Park Serv., Ogden, grading, tunnel, bridge on East Rim Road Project, Sect. 1-A-3, Zion Natl. Park, Washington Co. B. J. Finch, dist. engr. U. S. Bureau Pub. Roads, 403 Kresel Bldg., Ogden.

Cuba, Guantanamo Bay—GENERATORS—Spec. 5699—Oct. 10, by Bureau Yards & Docks, Navy Dpt., Wash., D. C., oil engine generators at Naval Air Station; adv. E. N.-R. Sept. 20.

Cuba, Guantanamo Bay—RAILWAY—See "Contracts Awarded."

Bids Received

Mass., Rutland Heights—GREENHOUSE—U. S. Veterans' Bureau, Arlington Bldg., Wash., D. C., Sept. 11, at U. S. Veterans' Hospital, from J. C. Moniger & Co., 2509 West 22nd St., Chicago, Ill., $11,847. Noted Aug. 31.

N. Y., Governors Island (br. New York)—BARRACKS—Constructing Quartermaster, Sept. 14, 1 barracks building at Fort Jay, from J. McWilliams, 55 West 42nd St., New York, $1,186,520. Noted Aug. 23.

D. C., Wash.—HEATING SYSTEM—Spec. 5721—Bureau Yards & Docks, Navy Dpt., Wash., D. C., repairing at Naval Air Station, Anacostia, from Concrete Oil Co., Mills Bldg. (1) $2,889; (2) $2,775. Noted Sept. 6.

Va., Virginia Beach—TOWERS—Spec. 5680—Bureau Yards & Docks, Navy Dpt., Wash., D. C., Sept. 12, moving radio towers, from J. Nixon, 49-22nd St. S., Norfolk, Va., $4,211. Noted Aug. 30.

Ga., Augusta—GARAGE—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., Sept. 4, addition at U. S. Veterans' Hospital, from Claussen-Lawrence Co., 1394 Gwinnett St., $7,840. Noted Aug. 23.

Ga., Columbus — WATER PIPING — Treas. Dpt. at office Supervising Archt., Wash., D. C., Aug. 30, at U. S. Post Office, from O'Pry Plumbing & Heating Co., 163 Cotton Ave., Macon, $5,324. Noted Aug. 23.

Fla., Lake City — ALTERATIONS — U. S. Veterans' Bureau, Arlington Bldg., Aug. 28. Building 4, at U. S. Veterans' Hospital from Grahn Constr. Co., Daytona Beach, $63,377. Noted Aug. 9.

La., New Orleans—DREDGING—U. S. Engineer Office, Poland and Dauphine Sts., Sept. 4, dredging 524,000 cu.yd. Little Caillou Bayou, from Lake Arthur Dredging Co., 561 V. Weiss Bldg., Beaumont, Tex., at $0.12 per cu.yd. Noted Aug. 16.

Ind., Terre Haute—ELEVATOR—Treas. Dpt. at office Supervising Archt., Wash., D. C., Aug. 28, at U. S. Post Office, from Otis Elevator Co., 810 18th St. N.W., $7,987. Noted Aug. 23.

Ia., Knoxville—GREEN HOUSE—U. S. Veterans' Bureau, Arlington Bldg., Wash., D. C., Sept. 4, at U. S. Veterans' Hospital, from A. H. Newman, Des Moines, $8,731. Noted Aug. 23.

Kan., Fort Riley (Ind. br. Junction City)—ROADS — Constructing Quartermaster, Aug. 24, concrete roads, sidewalks, from Walter Bros. Constr. Co., Manhattan, $12,790.

Colorado—ROAD—Bureau P. Rds., Custom House, Denver, Aug. 21, improving Dolores-Rico Project, Sect. B, from Salle Constr. Co., Rico, $75,304. Noted Aug. 16.

Wash., Fort Lewis—BARRACKS—Constructing Quartermaster, Sept. 5, barracks buildings, from Chrisman & Snyder, Railway Exchange Bldg., Seattle, $505,006. Noted Aug. 23.

Oregon—ROADS—Bureau P. Rds., Dpt. Interior, Portland, from A. Milne, Portland, improving Sand Creek-Park Boundary Rd., $52,087, with Park, Project fA-1, $51,345; East Entrance Rd., East Entrance-Lost Creek R. Sta., $10,674, with Park Project 5A-1 $10,542.

California — GRADING — Natl. Park Serv., Bureau P. Rds., Aug. 30, grading Camp Hoyle-Alder Creek Sect. Wawona-Yosemite Natl. Park Hy., from T. R. Connolly, 461 Market St., San Francisco, $102,-611. Noted Aug. 23.

California — ROAD — Bureau P. Rds., Dpt. Interior, San Francisco, improving San Marcos extension, San Marcos Natl. Forest Hy., from Nevada Constr. Co., Fallon, Nev., $56,721 incl. 10% engineering and contingencies.

Calif., Mare Island—AUTOMATIC REFRIGERATING PLANT — Spec. 5586 — Bureau Yards & Docks, Navy Dpt., Wash., D. C., Aug. 29, at Navy Yard, from Parker Ice Machine Co., 943 3rd St., San Bernardino, $4,783 (120 days). Noted Aug. 9.

C. Z., Coco Solo—SEAPLANE HANGARS—Spec. 5661—Bureau Yards & Docks, Navy Dpt., Wash., D. C., seaplane hangars, from Austin Eng. Co., Inc., 566 Southern Blvd., New York, N. Y., $197,000. Noted Aug. 16.

Contracts Awarded

Mass., Rutland Heights—GUTTERS and SIDEWALKS—U. S. Veterans Bureau, Arlington Bldg., Boston, Mass., concrete guttering, sidewalks at U. S. Veterans Hospital, to R. H. White, Auburn, $4,050.

N. J., Fort Monmouth—SEWAGE DISPOSAL PLANT—Constructing Quartermaster, sewage disposal plant, to Coast Constr. Co., Red Bank, $15,825. Noted Aug. 2.

D. C., Wash.—DRAW SPAN—Executive Officer Arlington Memorial Bridge Comn., Navy Bldg., bascule draw span for Arlington Memorial Bridge, to Phoenix Bridge Co., Phoenixville, Pa. $912,000; granite for Boundary Channel Bridge of Arlington Memorial Bridge, to North Carolina Granite Co., Mount Airy, N. C. $15,000, to Hollowell Granite Wks., Augusta, Me. $149,000, and to Woodbury Granite Co., Burlington, Vt. $118,900. Grand total $1,194,900. Noted July 24 and 28.

Va., Norfolk—DREDGING—U. S. Engineer Office, in southern and eastern branches Elizabeth River, to Bickel Dredging Corp., 50 Church St., New York, $177,-711. Noted Sept. 6.

Va., Quantico—POWER PLANT EQUIPMENT—Spec. 5602—Bureau Yards & Docks, Navy Dpt., Wash., D. C., generating plant equipment, to M. H. Pagenhart & Co., 2130 Locust St., Phila., Pa., $224,730. Noted Sept. 13.

N. C., Fort Bragg—BARRACKS—Constructing Quartermaster, Sept. 6, field artillery regimental barracks, to W. P. Rose, Goldsboro, $294,600. Noted Aug. 16.

Miss., Vicksburg — LEVEE — Mississippi River Comn., 1,500,000 cu.yd. levee work 30 mi. from here, Sharkey Co., to Sternberg Co., Inc. & Rodgers Bros. & Co., 62 South Front St., Memphis, Tenn., $400,000.

La., New Orleans—FILL—U. S. Engineer Office, 1,329,000 cu.yd. hydraulic fill in 4th Mississippi River Dist., to McWilliams Dredging Co., Orleans Bank Bldg., $219,-923. Noted Sept. 23.

Ill., Great Lakes (br. Waukegon)—REROOFING—Spec. 5700—Bureau Yards & Docks, Navy Dpt., Wash., D. C., buildings 38 and 90, at Naval Training Station, to Chicago Waterproofing & Roofing Co., 1108 West Adams St., Chicago, $3,683 (60 days). Noted Aug. 30.

Ill., Great Lakes (br. Waukegon)—PARAPET WALL—Spec. 5729—Bureau Yards & Docks, Navy Dpt., Wash., D. C., repairing rebuilding cornice and parapet wall at Naval Training Station, to T. Jensen, 625 North Ave., Waukegon, $4,987 (60 days). Noted Aug. 30.

S. D., Newell — COTTAGES and GARAGES — See "Proposed Work."

Arkansas — EARTHWORK — Mississippi River Comn., 1st and 2nd Dists. McCall Bldg., Memphis, Tenn., levee work in Lower St. Francis and White River Levee Dists., Piece 24, to Delta Constr. Co., Lake Comorant, Miss., $4,050; Piece 28 A and C, to G. C. Weathers, Jr., Greenville, Miss., $36,040; Piece 26, to H. J. Kaiser, Kaiser Bank Bldg., Oakland, Calif., $67,680; Piece 30, to Hughey Bros., 971 James St., Memphis, Tenn., $28,600; Piece 34, to Atkinson Bros., Pine Bluff, $24,765. Grand total $161,135. Noted Sept. 6.

Texas—DREDGING—U. S. Engineer Office, Galveston, channel between Aransas Pass and Corpus Christi, to Atlantic, Gulf & Pacific Co., 15 Park Row, New York, at $0.135 per cu.yd., total $65,880. Noted July 19.

Tex., Galveston—PUMP—U. S. Engineer Office, dredging pump for dredge, to Raymond-Hardie-Tynes Mfg. Co., 800 North 28th St., Birmingham, Ala., $6,488.

Wash., Ellensburg — EARTHWORK — Bureau Reclamation, Dpt. Interior, South Branch Canal, to Morrison & Knudsen Co., Boise, Idaho, $272,954. Noted Aug. 30.

Wash., Sand Point — HANGAR and RAILROAD TRACK — Spec. 5660 — Bureau Yards & Docks, Navy Dpt., Wash., D. C., at Naval Air Station, to Western Constr. Co., Seaboard Bldg., Seattle, $179,-427 (360 days). Noted Aug. 23.

Calif., Mare Island—REFRIGERATING PLANT — Spec. 5586—Bureau Yards & Docks, Navy Dpt., Wash., D. C., at Navy Yard, to Parker Ice Machine Co., 943 3rd St., San Bernardino, $4,783 (120 days). Noted Aug. 9.

Calif., San Diego—RAILROAD—Spec. 5738—Bureau Yards & Docks, Navy Dpt., Wash., D. C., railroad track connections to DeWaard & Son, 207 Granger Blvd., $7,384 (90 days).

Cuba, Guantanamo Bay—RAILWAY—Spec. 5587—Bureau Yards & Docks, Navy Dpt., Wash., D. C., marine railway at Naval Station, station labor. Former bids rejected. Noted Aug. 30.

FEDERAL POWER COMMISSION

Application for License and Permits Applications

917—Commonwealth Mining & Exploring Co., 300 Lakeside Ave. S., Seattle, Wash., preliminary permit power project on Davis River, Tongass Natl. Forest, Alaska.

918—Southern California Edison Co., 306 West 3rd St., Los Angeles, Calif., wants license transmission line partly within Santa Barbara Natl. Forest, Ventura Co.

919—West Virginia Hydro-Electric Co., Lewis and Clarke Circle, Charlottesville, Va., wants license power project on New River in Raleigh and Summers Counties, W. Va.

920—R. H. McNeill, 1153 Natl. Pres. Bldg., Wash., D. C., wants preliminary permit power project on Tennessee and Dick Rivers, and affecting Shiloh Natl. Military Park, in Trigg, Marshall, and Calloway Counties, Kentucky, and Stewart, Henry Houston, Benton, Humphreys, Perry, Wayne, Decatur and Hardin Counties, Tennessee.

921—Idaho Power Co., Boise, Idaho, wants license transmission line on public lands in Baker and Malheur Counties, Ore.

922—Champion Sillimanite Inc., Bishop, California, wants license power project on Milner Creek, partly in Inyo Natl. Forest and partly on public lands in Mono Co.

923 — Southern California Edison Co., 306 West 3rd St., Los Angeles, Calif., wants license transmission line partly in San Bernardino Natl. Forest, San Bernardino Co.

924—Bd. Directors State Institutions, Phoenix, Ariz., wants preliminary permit power project in Little Colorado River affecting Navajo Indian Reservation, Coconino Co.

Unclassified

Proposed Work

AVIATION FIELD—**Attleboro, Mass.**—Chamber of Commerce, A. Kendall, pres., Park St., aviation field near Greenwood Pond. $30,000. Engineer not selected. Noted July 28.

BATH and DRESSING ROOMS—**Mattapan** (Sta. Boston), **Mass.** — Mikvah Israel Assn., L. Simpson, pres., Wildwood St., 2 story, rein.-con., steel bath and dressing rooms, 79 Wildwood St. $40,000. M. E. Levy, 43 Tremont St., Boston, archt.

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Unclassified (Continued)

GRADE CROSSING ELIMINATION — **Grand Gorge, N. Y.** — Ulster & Delaware R.R., E. Coykendall, pres., Kingston, eliminating Rice Clark Grade Crossing, 1½ mi. north of here, Delaware Co. $93,000.

GRAND STAND — **Long Island City, N. Y.** — Irish American Athletic Assn., 15 East 60th St., New York, timber grand stands. $30,000.

GRADE CROSSING ELIMINATION — **Newfield, N. Y.** — Lehigh Valley R.R. Co., G. T. Hand, ch. engr., 143 Liberty St., New York, eliminating Ithaca-West Danby Hy., 1½ mi. north of here, Tompkins Co. $78,000.

COMFORT STATIONS—**New York, N. Y.** —H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., bids in October, comfort stations at 170th St. and Jerome Ave., 161st St. and Courtland Ave., Westchester Ave. and Eastern Blvd., and Jackson Ave. and Southern Blvds. $140,-000. M. Hausle, 3307 3rd Ave., archt. Noted Sept. 6.

COMFORT STATION—**New York, N. Y.** —H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., brick, tile comfort station, Tremont Ave. and Crotona Parkway. $30,000. M. Hausle, 3307 3rd Ave., archt.

SIGNAL SYSTEM—**Jersey City, N. J.**— Bd. Freeholders Hudson Co., Court House, new signal system on Hudson Blvd. $50,-000. F. J. Radigan, Court House, co. engr.

HYDRO-ELECTRIC DEVELOPMENT— **Virginia and North Carolina** — Virginia Carolina Power Co. (subsidiary Virginia Electric & Power Co., 700 East Franklin St., Richmond, Va.), applied to Federal Power Comn., for authority to construct 35 ft. rein.-con. dam, and steel, concrete power house near mouth Polar Creek at Virginia-Carolina line. $4,000,000. Stone & Webster, Inc., 49 Federal St., Boston, Mass., engrs.

HYDRO-ELECTRIC DEVELOPMENT— **Clarksville, Va.** — Roanoke River Power Co., c/o Viele, Blackwell & Buck, survey engrs., 49 Wall St., New York, 55 ft. dam and 80,000 hp. power house at Buggs Island, N. C., 20 mi. from here. $10,000,000. Federal Power Comn. granted permit.

COALING STATIONS—**Michigan**—Michigan Central Ry., J. F. Deimling, ch. engr., Detroit, 1,000 ton railroad coaling station, rein.-con., at Jackson, $100,000; 200 ton, at Clarendon, $20,000. Private plans.

COAL CHUTE — **Chicago, Ill.** — Chicago, Rock Island & Pacific Ry. Co., La Salle Street Sta., Chicago, Ill., C. A. Morse, ch. engr., coal chute. $25,000.

AIR PORT — **Granite City, Ill.** — Radio Aircraft Corp., c/o Radio Station W. I. L. of Missouri, L. Benson, pres., Melbourne Hotel Grand Ave. and Lindell Blvd., preliminary plans airport, incl. hangers, runaways, administration and school buildings, on 80 acre site.

SWIMMING POOL—**St. Louis, Mo.**—See "Buildings—Educational, Religious."

AIR PORT—**Springfield, Mo.**—Springfield National Guard, c/o Springfield Park Bd. c/o I. A. McBride, pres., soon takes bids complete airport, incl. 4,500 ft. 6 and 12 in. vitr. clay sewers, 2 story, basement administration building, 100 x 80 x 18 ft. high field stone hangar and 40 x 16 x 10 ft. high lean to, O. L. Allen, 1840 North Douglas Ave., $13,978. Russell & Axon, 408 McDaniel Bldg., Springfield and 1945 Ry. Exch., St. Louis, engrs.

LAND DEVELOPMENT—**Wellston, Mo.** —Wellston Hills Realty Co., c/o Cyrus Crane Willmore Organization, Inc., Boatmen's Bank Bldg., St. Louis, preliminary plans 45-acre sub-division development, St. Charles Rock Rd. and Normandy Ave., incl. grading, concrete paving, sewers and watermains.

NATURAL GAS LINE—**Texas**—Moody-Seagraves Co. & Associates, Esperson Bldg., Houston, 220 mi. 16 in. natural gas pipe line from Winkler Co. to El Paso. $7,000,-000. Private plans.

NATURAL GAS SYSTEM—**Oklahoma**— Taylor-Easterly Co., Kennedy Bldg., Tulsa, natural gas system in Fort Cobb, $25,000; Mt. View, $25,000; Roosevelt, $30,000; Carnegie, $25,000; Gotebo, $25,000; Geary, $40,000.

NATURAL GAS SYSTEM — **Cheyenne, Okla.** — Preliminary plans natural gas system. $25,000. Benham Eng. Co., 1106 Perrine Bldg., Oklahoma City, engrs.

SMELTER — **Dewey, Okla.** — National Zinc Co. preliminary plans new smelter block. $60,000. Private plans.

GAS SYSTEM — **Fletcher, Okla.** — Preliminary plans natural gas distribution system. $25,000. J. Daniels, mayor. Engineer not selected.

GAS SYSTEM—**Gould, Okla.**—Lone Star Gas Co., 1915 Wood St., Dallas, Tex., preliminary surveys natural gas system. $25,-000. Private plans.

GAS SYSTEM — **Hammon, Okla.** — City preliminary plans natural gas system. $25,-000. G. Wesley, mayor. Engineer not selected.

NATURAL GAS SYSTEM — **Panama, Okla.** — City natural gas system. $25,000.

HYDRO-ELECTRIC DEVELOPMENT— **Tacoma, Wash.**—City Council, I. S. Davison, comr., bids in October, 2nd Unit Cushman Power Project, incl. dam across canyon north fork Skagit River 1.5 mi. below Cushman Dam, tunnel to divert water from point near rim of basin to point 2.5 mi. below, from where water will be conducted by steel penstocks to power house on Hood Canal, power house, generating machinery.

POWER HOUSE — **Kaweah, Calif.** — Southern California Edison Co., 306 West 3rd St., Los Angeles, replacing two 1,900 hp. power plants with power house, generating 3,800 hp. on Keweah River. $160,-000. Private plans.

Bids Desired

SUBWAY — **Long Island City, N. Y.** — Oct. 11, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., St., New York, constructing Steinway Loop, portion Queens-Jamaica Ry. Route, along Steinway Ave., Bway. and Northern Blvd.

SWIMMING POOL, etc.—**Spring Lake Beach, N. J.**—Oct. 1, by City Council, bathing casino, 60 x 90 ft. swimming pool, 650 bath houses. M. O. Morris, clk.

PIER SHED—**Baltimore, Md.**—Oct. 3, at office City Register, City Hall, pier shed for McComas St. Terminal Improvements. C. F. Goob, ch. engr. J. E. Greiner Co., consult. engrs. Port Development Comn.; adv. E. N.-R. Sept. 20.

LIGHTING SYSTEM — **Los Angeles, Calif.**—Sept. 26, by Bd. P. Wks., ornamental lighting system on Redondo Blvd., Highland, Mansfield, and other avenues. Est. exceeds $25,000.

WHARF—**Goderich, Ont.**—Sept. 27, by S. E. O'Brien, secy. Dpt. P. Wks., Ottawa, extending mooring wharf across west side Inrre Harbour, also dredging. $30,000.

Bids Received

SUBWAY—**New York, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 40 Lafayette St., Sept. 14, Sect. 3, Route 106, under Grand Blvd. and Concourse from East 167th to East 175th Sts., from Clemente Contg. Co., 101 Park Ave., $4,812,000. Noted Sept. 6.

Contracts Awarded

SUBWAY — **Dorchester** (sta. Boston), **Mass.** — City of Boston, Transit Dpt., 1 Beacon St., Sect. 5-A, Dorchester Rapid Transit, to M. F. Gaddis, 6 Beacon St., Boston, $241,550.

LAKE HOUSE—**Albany, N. Y.**—Bd. Contr. & Supply, City Hall, lake house in Washington Park, to A. Marinello, Madison and Western Aves., $98,865. Noted Aug. 16.

SUBWAY—**Brooklyn, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York, constructing Sect. 5-B, Route 109, Branches 1 and 2, to Cornell Contg. Co., Grand Central Terminal, New York, $2,942,884. Noted Sept. 6.

GAS TANKS—**Long Island City, N. Y.**— Havemeyer & Elders, 290 Vernon Ave., 9 gas tanks, to Mileage Gas Corp., 2 Park Ave., New York. Est. $200,000. Noted Sept. 6.

SPECIAL WORK—**New York, N. Y.**— Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., special work for Rapid Transit R.R., Item 43, to W. Wharton, Jr. & Co., 110 East 42nd St., $40,970; Item 44, to Ramapo Ajax Corp., 30 Church St., $45,-650; protection board brackets and splice plates, Item 45, to Lorain Steel Co., 71 Bway., $45,295. Grand total $131,924. Noted Aug. 30.

SUBWAY—**New York, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 40 Lafayette St., Sect. 2, Route 106, Rapid Transit R.R. along and under McCombs Park Dam, East 161st St., Grand Blvd. and Concourse, to La Rocca Constr. Corp., 717 St. Nicholas Ave., $5,922,330. Noted Aug. 30.

TRACKS, etc.—**New York, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., installing tracks and contact rail for part Rapid Transit R.R., to B. T. and J. J. Mack, 160 Bway., $598,402. Noted Sept. 6.

POWER CANAL—**Sodus, N. Y.**—Lamoka Power Corp., Sodus, 2 mi. power canal, power house, dredging, to Dutcher Constr. Co., North 1st St., Fulton, $328,380.

SWIMMING POOL—**Elizabeth, N. J.**— Bd. Recreation, City Hall, 1 story, 90 x 150 ft., brick, concrete swimming pool, to F. Belluscio, Inc., 632 2nd Ave., $39,800. Est. $50,000. Noted Aug. 23.

GAS TANK—**Anderson, Ind.**—Central Indiana Gas Co., new 200,000 cu.ft. gas tanks, to Lyst Bros., Anderson, 200,000 cu.ft. gas holder to Stacey Eng. Co., Cincinnati, O., est. $40,000. Noted Aug. 9 under "Buildings—Industrial."

STADIUM and LOCKER—**Flint, Mich.**— City Clerk, 2 story, 66 x 630 ft., rein.-con., to W. Cochran, 1548 Buhl Bldg., Detroit.

FERRY SLIP—**Milwaukee, Wis.**—Harbor Comn., car ferry slip for Municipal Terminal to E. E. Gillen Co., 288 East Water St. $132,655. Noted Aug. 30.

AIRPORT—**Springfield, Mo.**—See "Proposed Work."

GAS PIPE LINE, etc. — **Arkansas** — Arkansas Natural Gas Co., Shreveport, La., 93¾ mi. 10 and 12 in. natural gas pipe line between Little Rock and Clarksville, and distribution systems in Conway, Morrillton, Russellville and Atkins, to Booth & Flinn, 1942 Forbes St., Pittsburgh, Pa., $1,250,000 and $500,000 respectively; bitumastic enamel, to Wailes-Dove-Hermiston Corp., 17 Battery Pl., New York; pipe, to Spang-Chalfant & Co. Union Bank Bldg., Pittsburgh Pa.; valves, to Merco-Nordstrom Valve Co., 121-2nd St., San Francisco, Calif., welding supplies, to Blain Beaird Co., Inc., Shreveport, La.

Materials

Bids Desired

PIPE — **Waltham, Mass.** — Sept. 26, by Dpt. Mental Diseases, State House, Boston, 316 tons 6, 8 and 10 in. c.i. water pipe at Metropolitan State Hospital, for Commonwealth of Massachusetts, W. A. Merrill, bus. agt.

PIPE—**New York, N. Y.**—Sept. 28, by P. J. Dooling, comr. Purchase, Municipal Bldg., pipe, pipe fittings, valves, engineers, plumbers, supplies, etc. for Police Dpt., and Dpts. Parks, Plant & Structures, Water Supply, Gas & Electricity.

ASPHALTIC MACADAM BINDER — **St. George, N. Y.** — Sept. 26, by J. A. Lynch, pres. Richmond Boro, Boro Hall, 20,000 gal. asphaltic macadam binder, hot application; 600 tons bituminous concrete on streets in Dists. 1, 2 and 3.

AXLES, STEEL WHEELS, etc.—**Phila., Pa.**—Sept. 28, by C. E. Walsh, purch. agt. Pennsylvania R.R. Co., 15 North 32nd St., axles, Contr. 75-1928; steel wheels, Contr. 76-1928; bridges, steel sheets, Contr. 77-1928.

TRACK FASTENINGS, etc.—**Phila., Pa.** —Sept. 27, by C. E. Walsh, purch. agt. Pennsylvania R.R. Co., 15 North 32nd St., track fastenings, Contr. 72-1928; steel sheets, Contr. 73-1928; steel pipe, Contr. 74-1928.

LEAD PIPE, etc.—**Cleveland, O.**—Sept. 21, by City, 130 tons ⅛ in. lead pipe, four hundred 35 ft. cedar poles, 29,000 ft. 3 conductor lead covered cable, five 50 kv. single phase subway type distributing transformers.

WATER PIPE—**Chicago, Ill.**—Sept. 24, by City, City Hall, 2,120 tons 6- to 12-in. c.i. water pipe at various City Pipe Yards. R. Wolfe, comr. Wks.

BRIDGE LUMBER, etc.—**Harlan, Ia.**— Oct. 4, at office Auditor Shelby Co., 15,000 ft. creosoted yellow pine bridge lumber, 13,960 ft. creosoted southern yellow pine bridge piling, 297,800 ft. Douglas fir bridge lumber (untreated), 2,800 ft. corrugated culvert material, bridge hardware and paint. J. P. Camery, Harlan, co. engr.

WATER METERS—**Mexico, Okla.**—City in market fifty ⅝ in. water meters.

WATER METERS—**Tulsa, Okla.**—City in market two hundred fifty ⅝ in water meters.

PUMPING PLANT MATERIAL — **Los Angeles, Calif.**—See "Sewers."

Contracts Awarded

Piling—Minneapolis, Minn.—F. S. Gram, city purch. agt., to Wheeler Lumber, Bridge & Supply Co., 736 Lumber Exch. Bldg., 1,000 pieces piling 20 ft. at $0.115 per ft.; 24 ft. $0.125; 28 ft. $0.128; 30 ft. $0.138. Noted Aug. 23.

Foreign

T. H., Honolulu—Kamehaeha College bids after December, college buildings. To exceed $3,500,000. C. W. Dickey, Damon Bldg., archt. Noted July 2, 1925.

See proposal advertising on page 120

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UNIT PRICES

Straightening River—Chicago, Ill.

Board of Public Works, City Hall, opened bids July 6, altering channel of South Branch of Chicago River between Polk and West 18th Sts. Includes new channel between said streets, with dock walls at each side, and filling of old or existing channel. Bidders are: (A) Central Dredging Co., 307 North Michigan Ave.; (B) Great Lakes Dredge & Dock Co., 104 South Michigan Ave. (awarded contract); (C) Construction Materials Co.; (D) States Contracting Co.; (E) FitzSimons & Connel Dredge & Dock Co.; (F) Dunbar & Sullivan.

	A	B	C	D	E	F
950,000 cu.yd. excav.	$0.50	$0.48	$0.70	$0.80	$0.875	$0.974
1,000 cu.yd. removal of ledge rock	20.00	14.00	21.60	25.00	23.50	24.00
2,000 cu.yd. removal of concrete or masonry	25.00	13.00	24.20	25.00	16.75	10.00
7,000 lin.ft. pile dock-wall	132.30	186.15	152.00	175.00	185.00	189.25
440 lin.ft. special treatment of pile dock-wall	28.00	39.00	145.80	80.00	40.00	41.00
1,190 lin.ft. pile crib dock-wall	182.98	290.00	235.50	257.00	295.00	345.55
440 lin.ft. timber crib dock-wall	333.20	395.50	341.30	365.00	349.50	462.00
900,000 cu.yd. general fill	.55	.30	.81	.85	.85	.89
100,000 cu.yd. top fill	.55	.30	.97	.90	1.00	1.00
1,200 lin.ft. conc. sewer—3 ft. dia.	29.40	40.00	34.40	45.00	57.00	48.00
170 lin.ft. conc. sewer—4 ft. dia.	27.30	45.00	51.00	55.00	60.00	50.00
800 lin.ft. conc. sewer—8 ft. dia.	162.40	100.00	97.20	110.00	199.00	150.00
100 lin.ft. tile sewer—12 in. dia.	4.20	7.30	9.25	5.00	4.50	4.00
12 conc. manholes	84.00	185.00	108.00	150.00	180.00	100.00
Totals	$2,569,043	$2,773,930	$3,249,500	$3,570,280	$3,811,090	$4,015,275
Extras for Contingent Purposes						
Additional oak piling, per lin.ft.	$1.00	$0.99	$0.99	$0.95	$0.90	$1.15
Additional Y.P. or douglas fir sheet piling, per M. ft. B.M.	150.00	125.00	129.00	175.00	140.00	137.00
Additional Y.P. or douglas fir timber, per M. ft. B.M.	150.00	150.00	151.00	175.00	150.00	148.00
Additional oak timber, per M. ft. B.M.	250.00	175.00	280.00	200.00	185.00	162.50
Additional hardware, steel waling bolts, etc., per lb.	.15	.25	.25	.20	.15	.17
Additional rock filling, quarry run, per cu.yd.	3.50	3.00	3.92	4.00	3.25	3.50
Additional rock filling, selected stone, per cu.yd.	4.50	4.50	4.50	5.50	4.00	5.00
Additional concrete, per cu.yd.	30.00	30.00	30.00	30.00	28.00	20.00
Additional steel reinforcing bars, per lb.	.10	.10	.10	.10	.08	.07
Extra portland cement (cold and freezing weather), per bag	1.00	1.00	1.18	1.00	1.00	.90
Steel anchor posts	250.00	195.00	196.00	250.00	200.00	162.00

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Bridge—Akron, Ohio

Commissioners of Summit Co. opened bids July 30 reinforced-concrete bridge with retaining wall at Case Ave. and River St., 35-ft. span, 40-ft. roadway, 10-ft. walks. Bids of engineer, lowest three and highest bidders are given below: (A) Engineer's Estimate; (B) Purdy Construction Co., Mansfield, (awarded contract); (C) Coventry Construction Co., Akron; (D) E. Gedney, Cleveland; (E) Columbus Asphalt Paving Co., Columbus. H. G. Sours, Courthouse, engineer.

	A	B	C	D	E
Removal of existing structure	$500.00	$500.00	$500.00	$400.00	$500.00
2,600 cu.yd. excav. unclassified for channel, abutments and ret. walls	3.00	1.50	3.00	2.60	3.00
Extending and preserving sewers and water lines	1,000.00	800.00	300.00	250.00	1,000.00
1,050 cu.yd. concrete (1-2½-4)	17.00	11.50	14.50	15.50	17.00
550 sq.ft. ½-in. premoulded expansion joint	.50	.50	.25	.40	.50
47,000 lb. reinforcing steel	.05	.05	.0375	.0475	.03
146 cu.yd. concrete (1-2-3)	22.00	22.00	16.00	20.00	22.00
160 lb. ¼-in. phosphor bronze bearing plates	1.25	1.25	.50	1.25	1.25
80 sq.ft. ½-in. premoulded expansion joint	.25	.25	.18	.30	.25
41 lin.ft. railing on bridge (concrete)	5.00	5.00	8.00	5.00	5.00
130 lin.ft. railing on west abutment	3.00	2.00	2.50	3.00	3.00
4 cast iron scuppers	15.00	15.00	18.00	15.00	15.00
360 sq.ft. 4-in. sidewalk	.25	.25	.30	.20	.25
29 cu.yd. conc. in approach slab (1-2½-4)	16.00	16.00	14.50	13.00	16.00
*270 sq.yd. 3-in. sheet asphalt pavement, 1½-in. binder, 1½-in. top (lake)	2.00	1.85	2.25	2.30	2.00
*270 sq.yd. 3-in. sheet asphalt pavement, 1½-in. binder, 1¼-in. top (oil)	2.00	1.75	2.25	2.00	2.00
Maintaining lights, signs and barricades	100.00	100.00	200.00	50.00	100.00
Totals lake asphalt pavement	$39,056	$25,011	$30,216	$31,057	$34,116
Totals oil asphalt pavement	39,056	24,984	30,216	30,976	34,116

*Alternate bids.

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